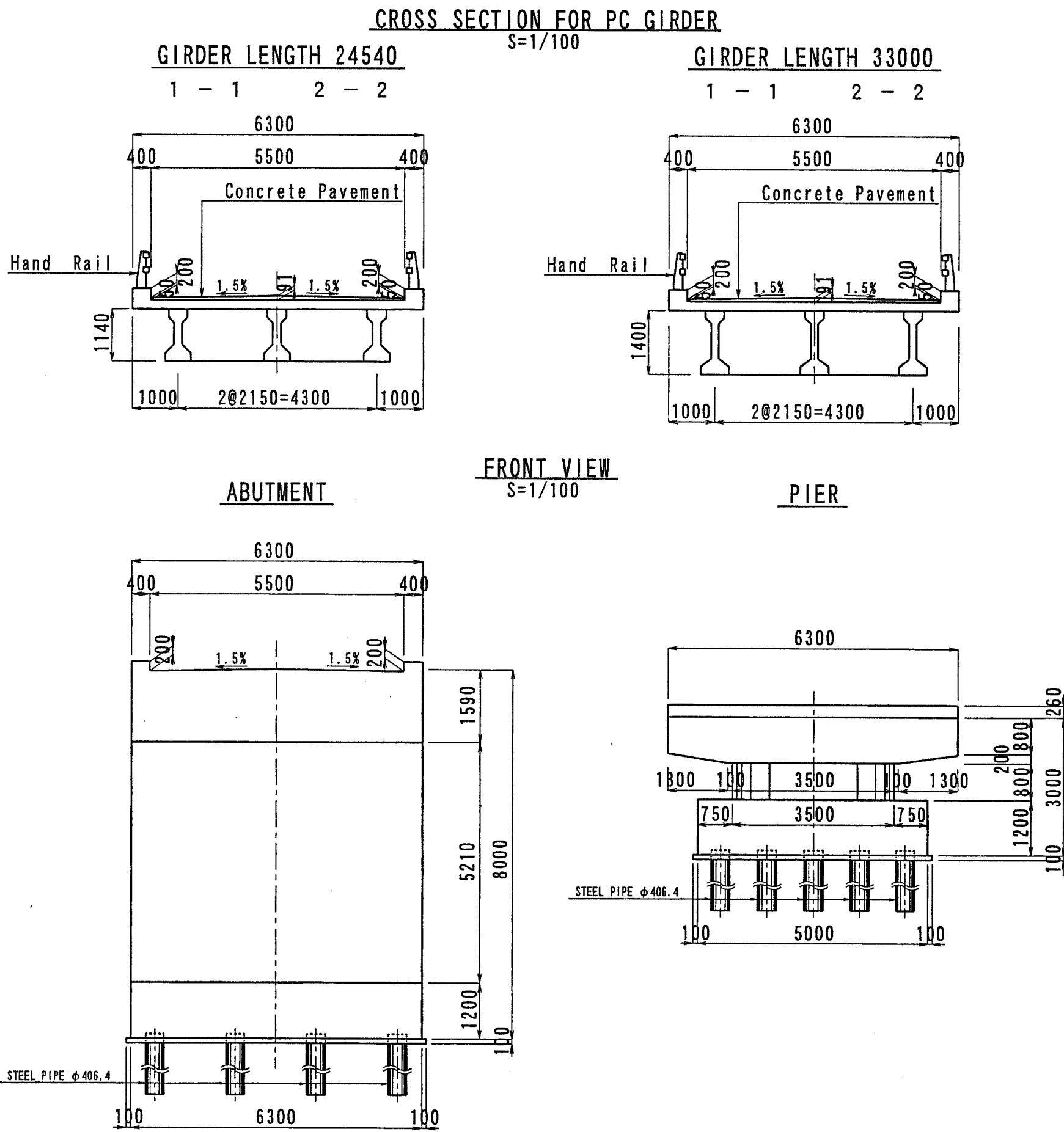
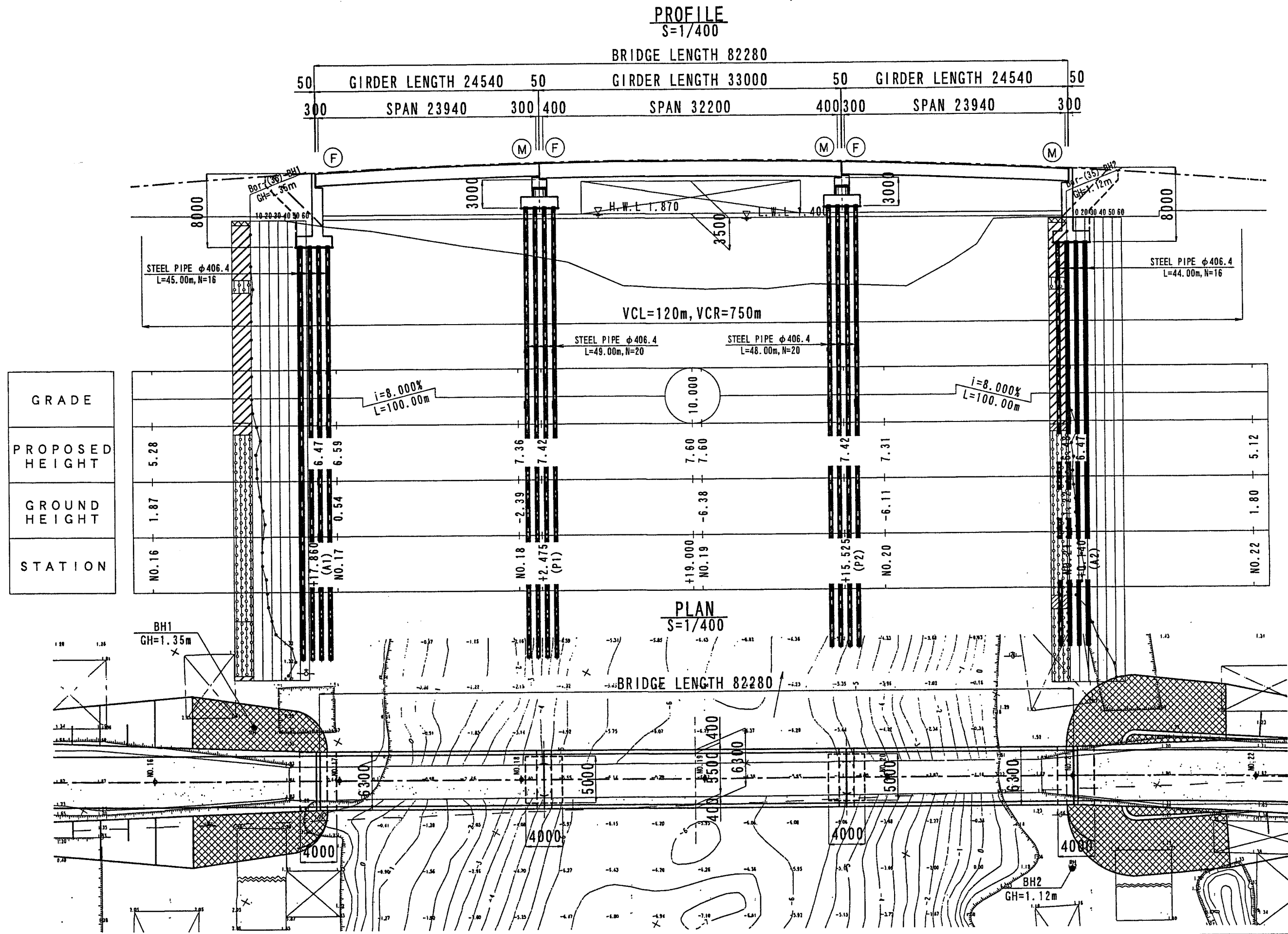


Br. No. (35) Ranh Tong Bridge  
(General View of the Bridge)



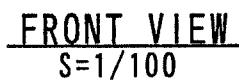
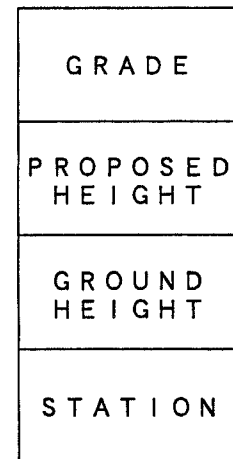
DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	82.82m (23.94+32.20+23.94m)	
Clearance (H, B)	3.5m×24.0m	
Longitudinal Gradient	8.05max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	STEEL PIPE $\phi 406.4\text{mm}$	
Material Strength		
Super Structure Type	Girder	$\sigma 28=400\text{kgf/cm}^2$
	Cross Beam	$\sigma 28=300\text{kgf/cm}^2$
	Slab	$\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt	5cm
	Curb, Wall	$\sigma 28=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma 28=200\text{kgf/cm}^2$	
Reinforcing Steel	SD295 (py=30kg/mm <sup>2</sup> )	

BASIC DESIGN STUDY ON THE PROJECT FOR  
CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA

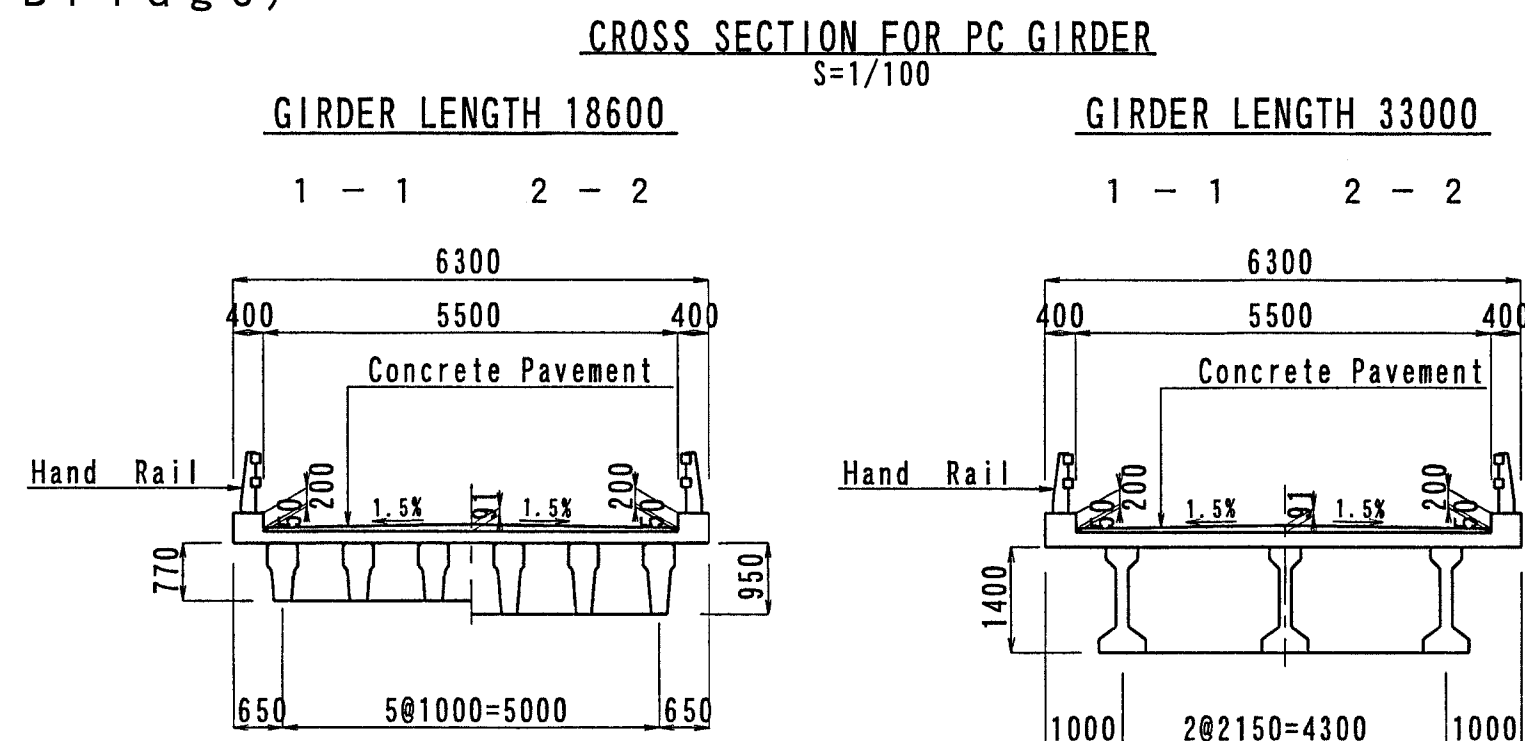
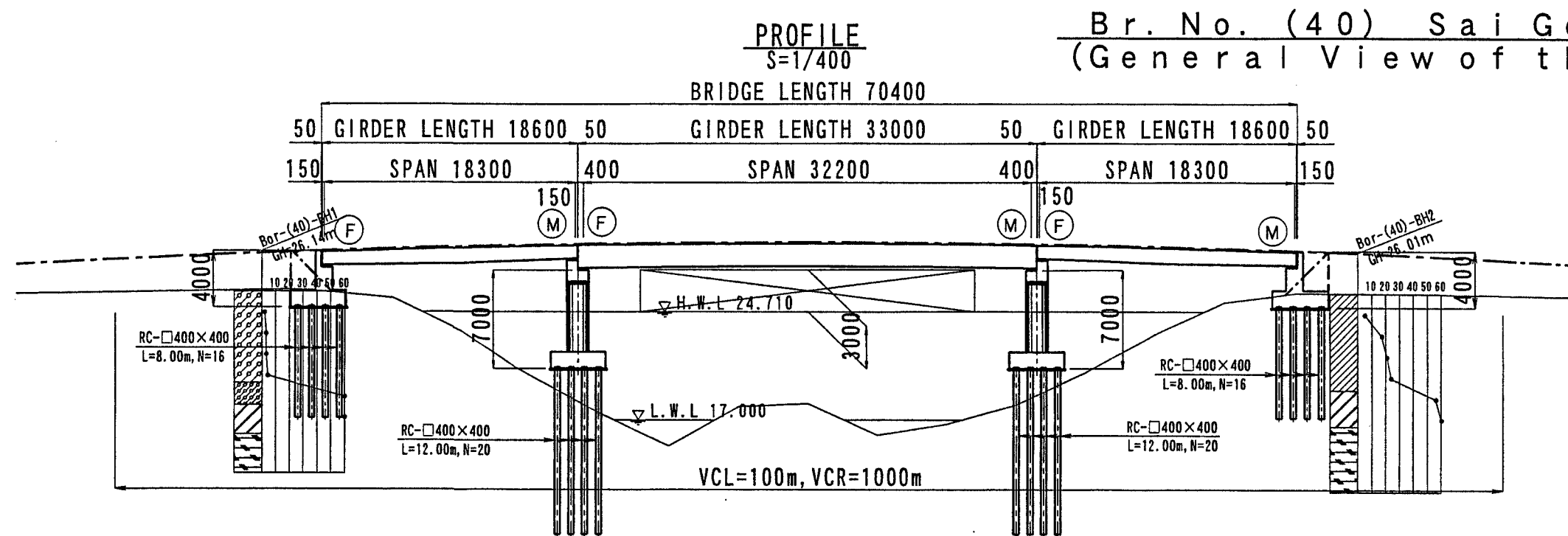
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (35) Ranh Tong Bridge (General View of the Bridge)	1/400, 1/100	

Br. No. (38) Ba Ly Bridge  
(General View of the Bridge)

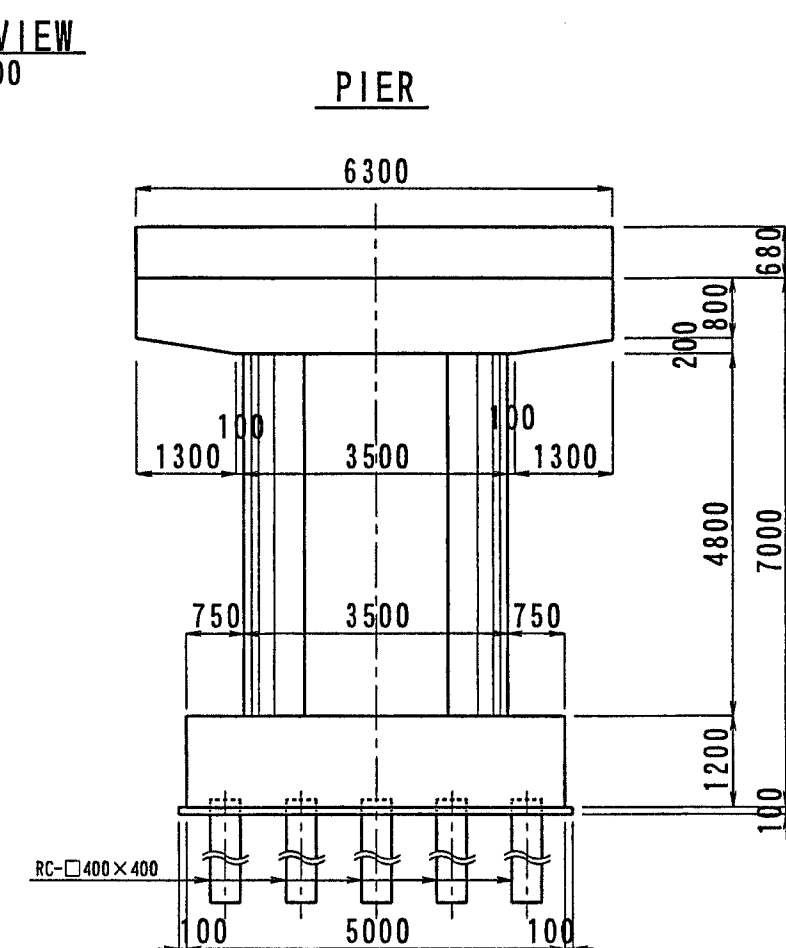
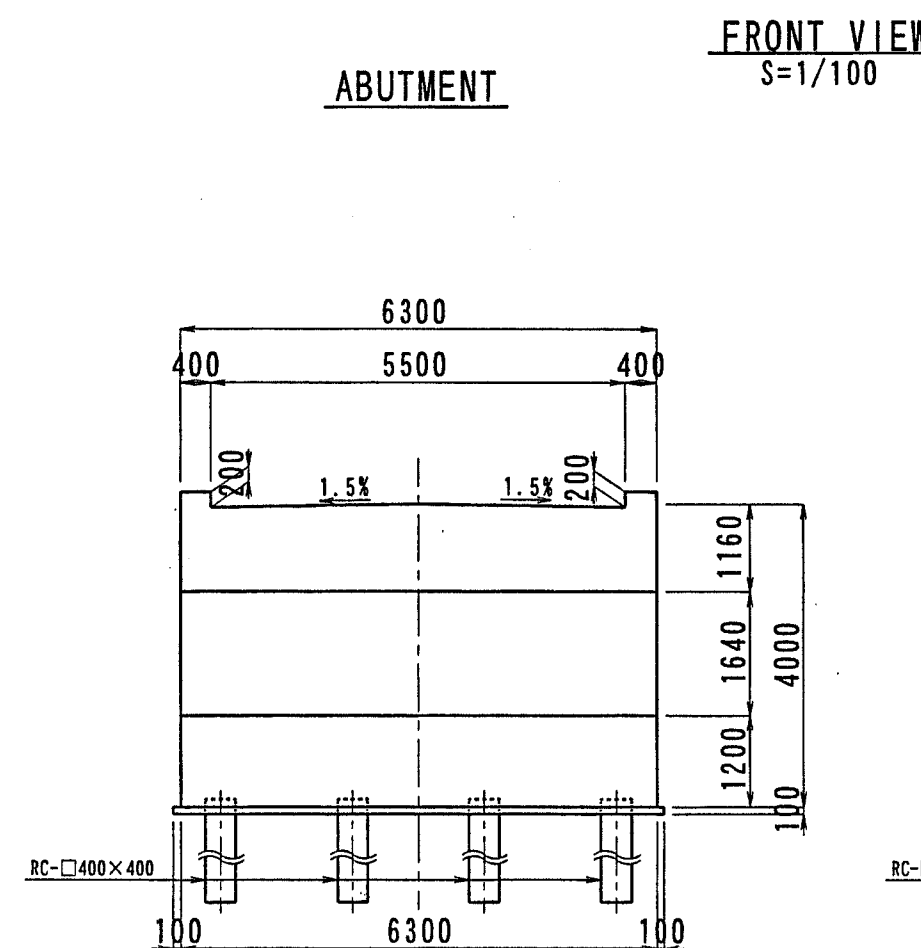
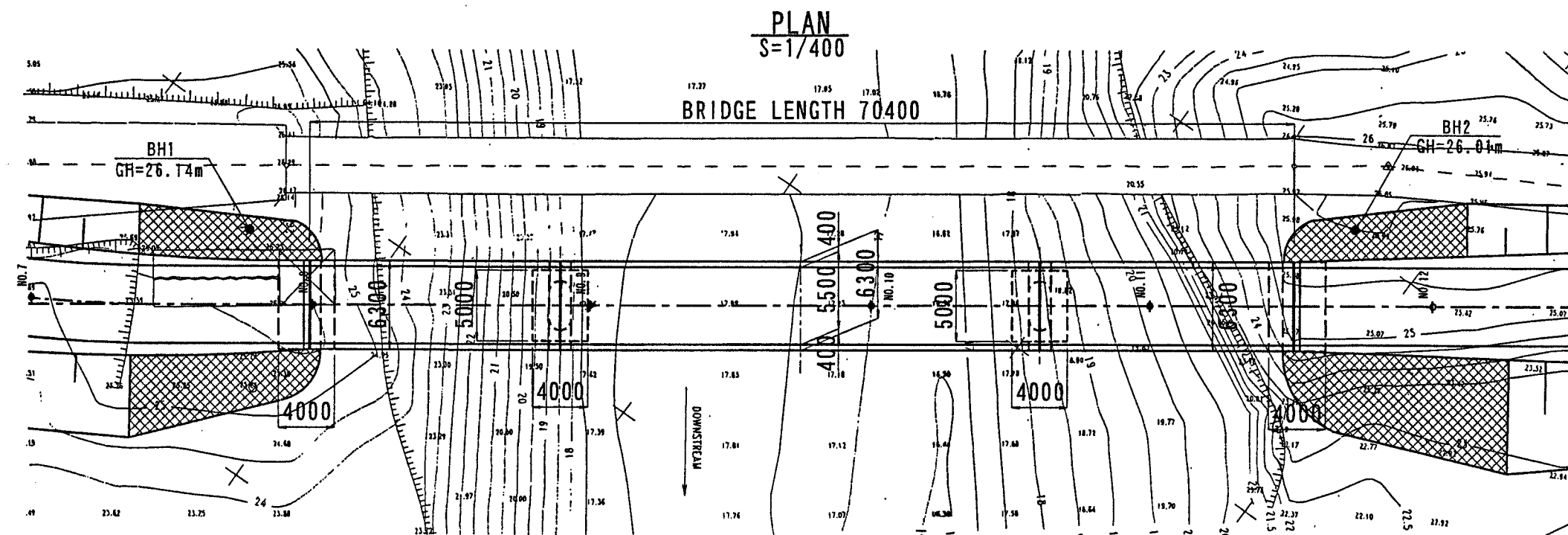


General Condition		
Design Speed	V=40km/h	
Bridge Length(Span Length)	57.15m(32.50m+23.50m)	
Clearance(H,B)	3.0m×20.0m	
Longitudinal Gradient	8.0%max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel Girder	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40×40cm	
Material Strength		
Super Structure Type	Girder	$\sigma$ 28=400kgf/cm <sup>2</sup>
	Cross Beam	$\sigma$ 28=300kgf/cm <sup>2</sup>
	Slab	$\sigma$ 28=300kgf/cm <sup>2</sup>
Surface	Asphalt	5cm
	Curb,Wall	$\sigma$ 28=300kgf/cm <sup>2</sup>
Sub Structure Type	$\sigma$ 28=200kgf/cm <sup>2</sup>	
Reinforcing Steel	SD295 (py=30kg/mm <sup>2</sup> )	

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency(JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (38) Ba Ly Bridge (General View of the Bridge)	1/400, 1/100	



GRADE	$i=5.000\%$ $L=100.00m$									
PROPOSED HEIGHT	28.15	29.03	29.04	29.51	29.54	29.65	29.64	29.51	29.34	29.03
GROUND HEIGHT	25.98	26.13	26.13	27.50	27.50	29.92	29.92	29.09	25.98	25.98
STATION	NO. 7	+19.800 (A1)	NO. 8	+18.475 (P1)	NO. 9	+15.000	NO. 10	+11.525 (P2)	NO. 11	+10.200 (A2)



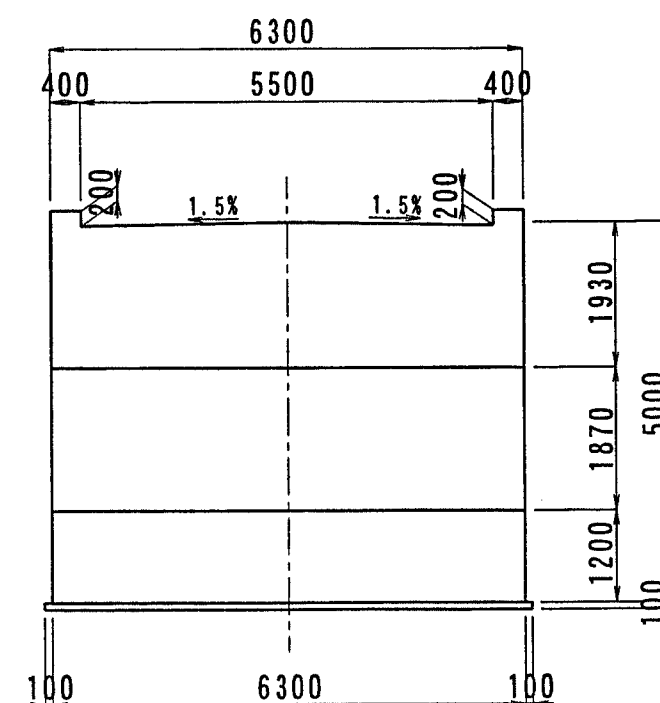
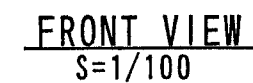
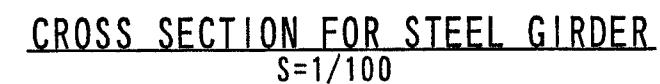
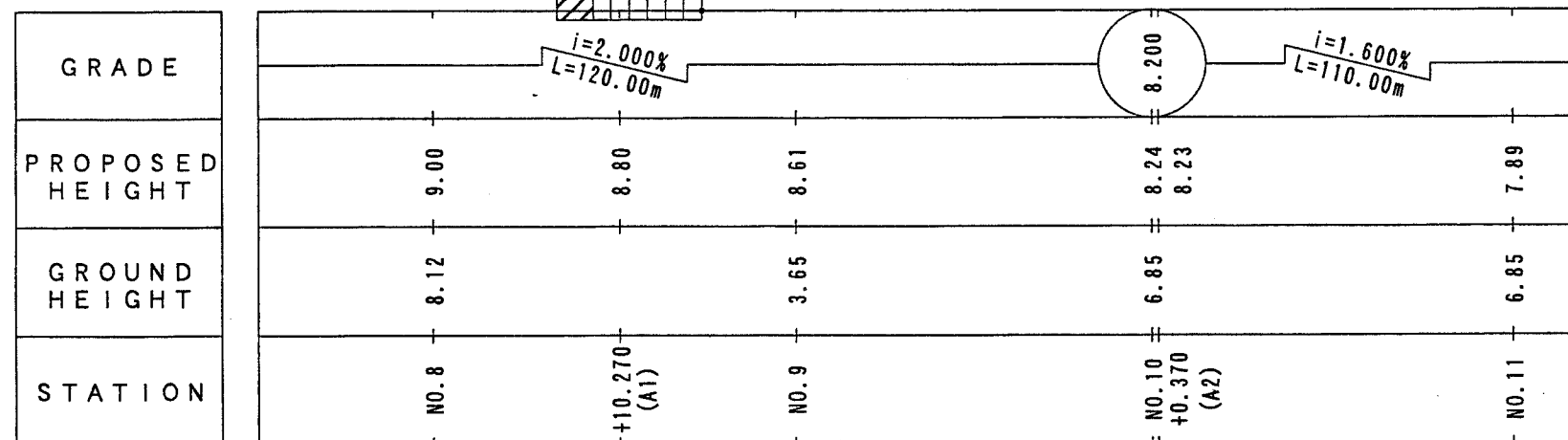
**DESIGN CRITERIA**

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	70.40m (18.30m+32.20m+18.30m)
Clearance (H.B)	4.5m x 24.0m
Longitudinal Gradient	5.0% max
Cross-fall of Carriage way	1.5%
Super Structure Type	Prestressed Concrete
Sub Structure Type	Abutment: Reinforced Concrete Pier: Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	
Super Structure Type	Girder: $\sigma 28=400\text{kgf/cm}^2$ Cross Beam: $\sigma 28=300\text{kgf/cm}^2$ Slab: $\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt: 5cm Curb Wall: $\sigma 28=300\text{kgf/cm}^2$ $\sigma 28=200\text{kgf/cm}^2$
Sub Structure Type	Reinforcing Steel: SD295 (py=30kg/mm <sup>2</sup> )

BASIC DESIGN STUDY ON THE PROJECT FOR  
CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA

Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (40) Sai Gon Bridge (General View of the Bridge)	1/400, 1/100	

PROFILE  
S=1/400

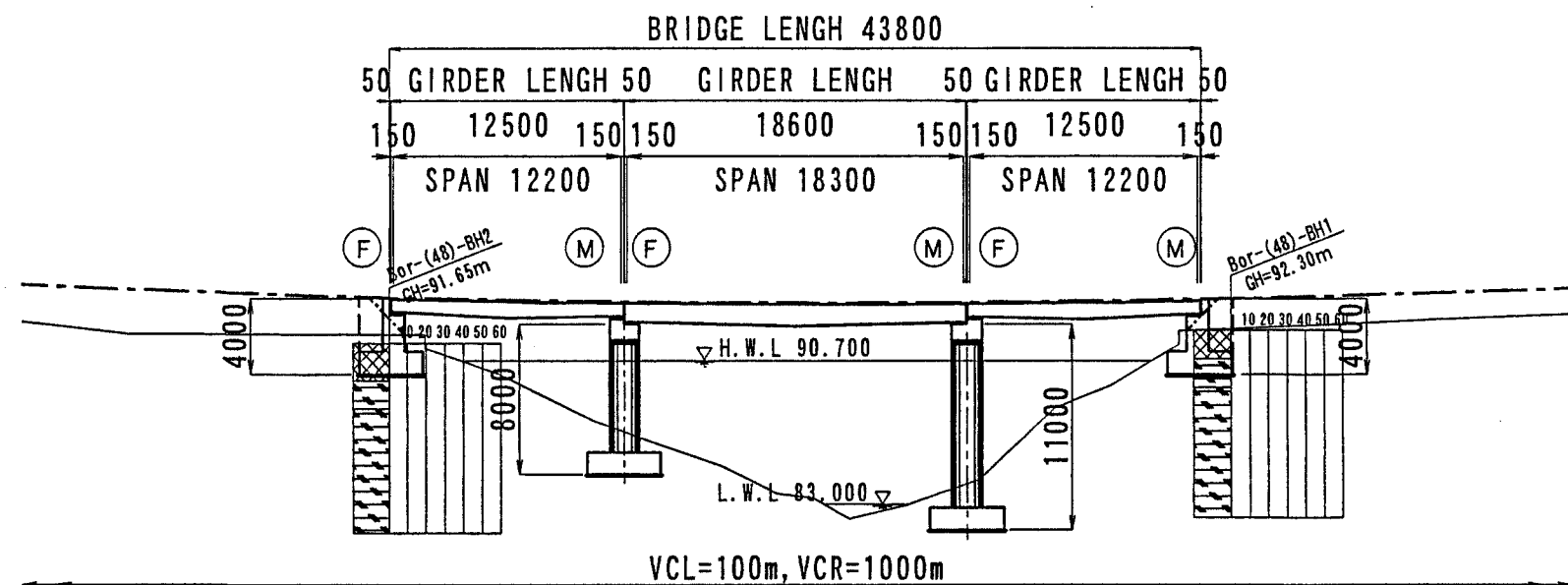


General Condition		
Design Speed	V=40km/h	
Bridge Length(Span Length)	30.10m (29.50m)	
Clearance(H.B)	—	
Longitudinal Gradient	2.0%max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel Girder	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Spread	
Material Strength		
Super Structure Type	Girder	$\sigma$ 28=400kgf/cm <sup>2</sup>
	Cross Beam	$\sigma$ 28=300kgf/cm <sup>2</sup>
	Slab	$\sigma$ 28=300kgf/cm <sup>2</sup>
Surface	Asphalt	5cm
	Curb,Wall	$\sigma$ 28=300kgf/cm <sup>2</sup>
Sub Structure Type	$\sigma$ 28=200kgf/cm <sup>2</sup>	
Reinforcing Steel	SD295 (py=30kg/mm <sup>2</sup> )	

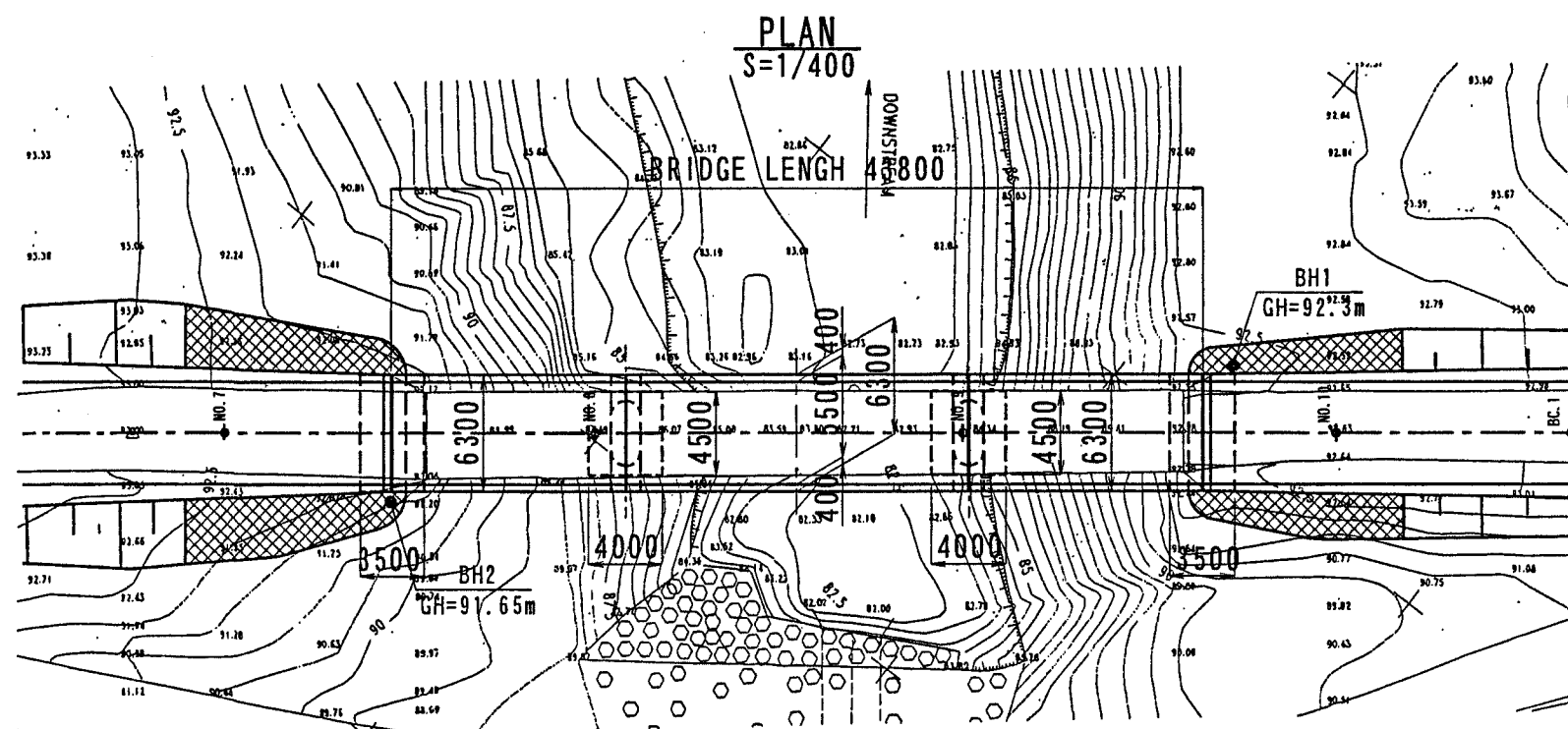
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (45) Chua Bridge (General View of the Bridge)	1/400, 1/100	

# Br. No. (48) Dakia Bridge (General View of the Bridge)

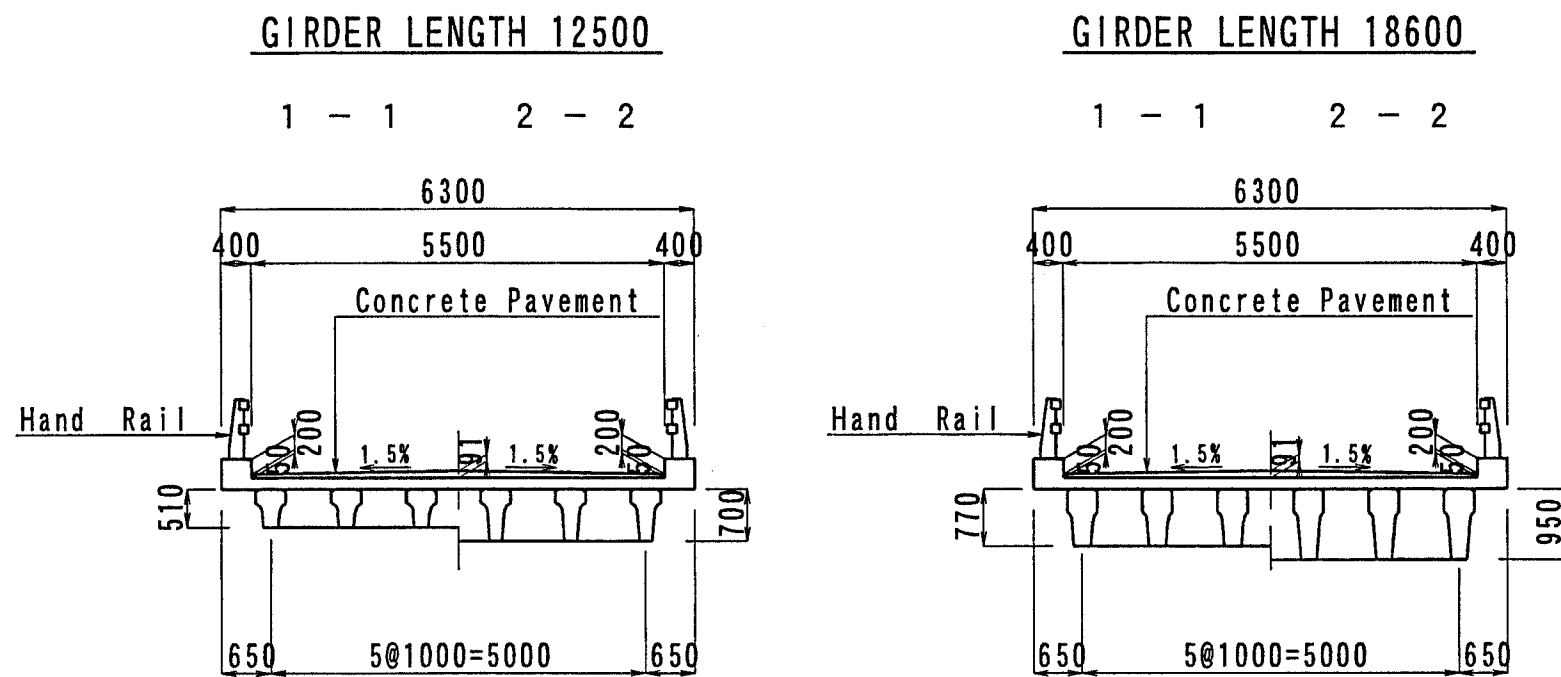
PROFILE  
S=1/400



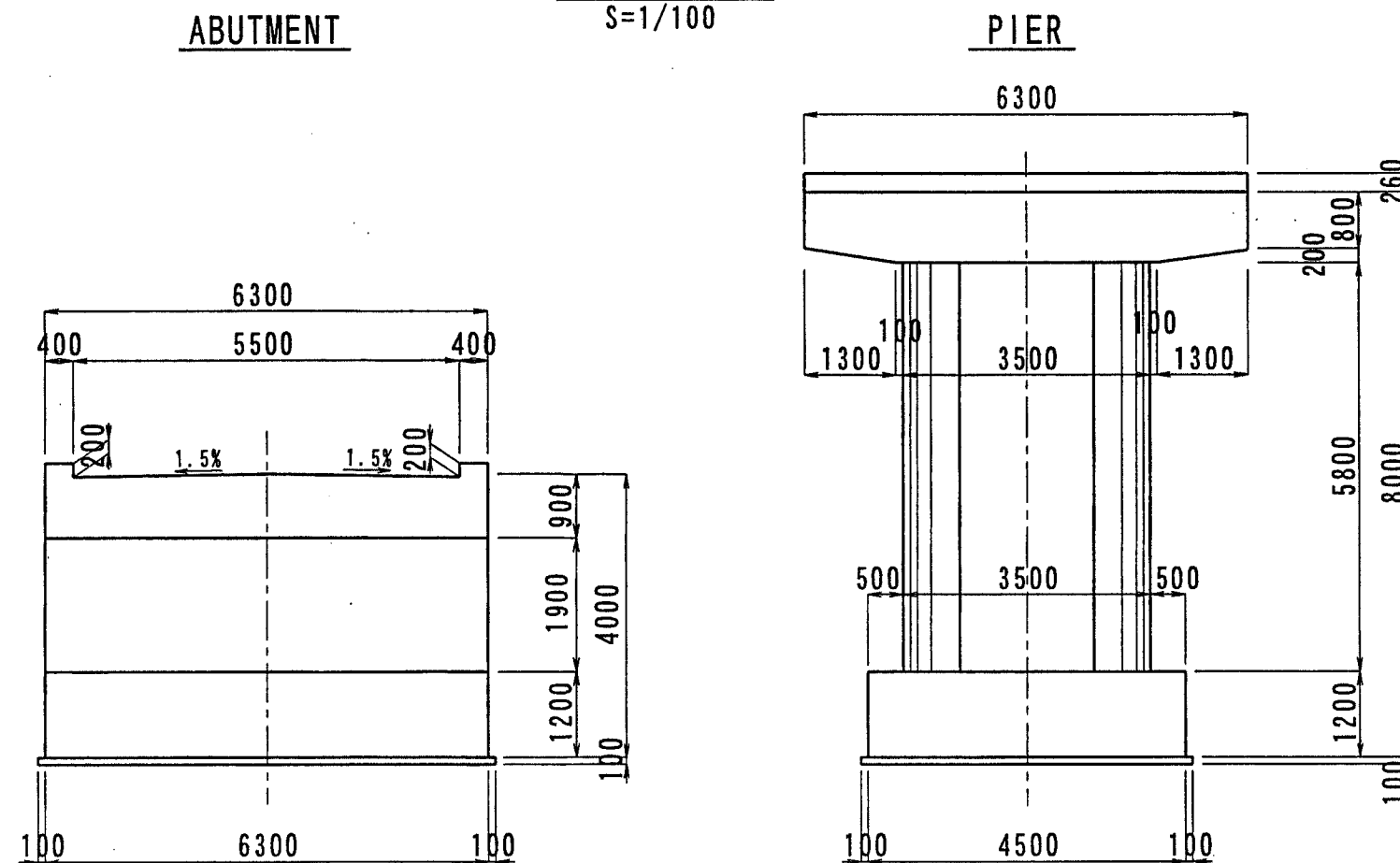
GRADE	$i=5.210\%$ $L=131.00m$									
PROPOSED HEIGHT	94.30	94.04	93.84	93.82	93.76	93.78	93.95	94.12		
GROUND HEIGHT	92.09		87.49			83.99		92.63		
STATION	NO. 7	+9.100 (A1)	NO. 8	+1.675 (P1)	+11.000	NO. 9	+0.325 (A1)	+12.900 (A2)	NO. 10	



CROSS SECTION FOR PC GIRDER  
S=1/100



FRONT VIEW  
S=1/100



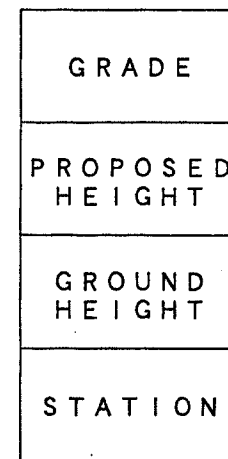
## DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	43.80m (12.20m+18.30m+12.20m)
Clearance (H, B)	-
Longitudinal Gradient	5.2% max
Cross-fall of Carriage way	1.50%
Super Structure Type	Prestressed Concrete
Sub Structure Type	Abutment Reinforced Concrete Pier Reinforced Concrete
Foundation Type	Spread
Material Strength	
Super Structure Type	Girder $\sigma 28=400\text{kgf/cm}^2$ Cross Beam $\sigma 28=300\text{kgf/cm}^2$ Slab $\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt 5cm Curb, Wall $\sigma 28=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma 28=200\text{kgf/cm}^2$
Reinforcing Steel	SD295 ( $\sigma_y=30\text{kg/mm}^2$ )

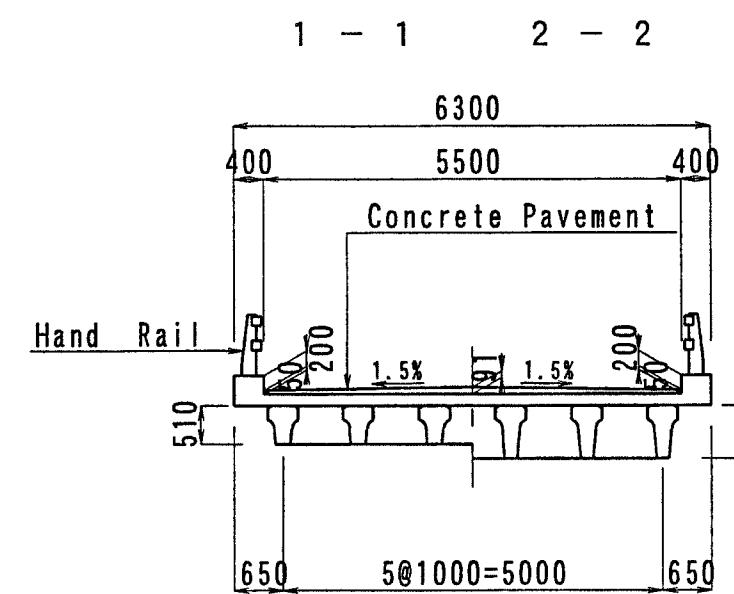
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (48) Dakia Bridge (General View of the Bridge)	1/400, 1/100	



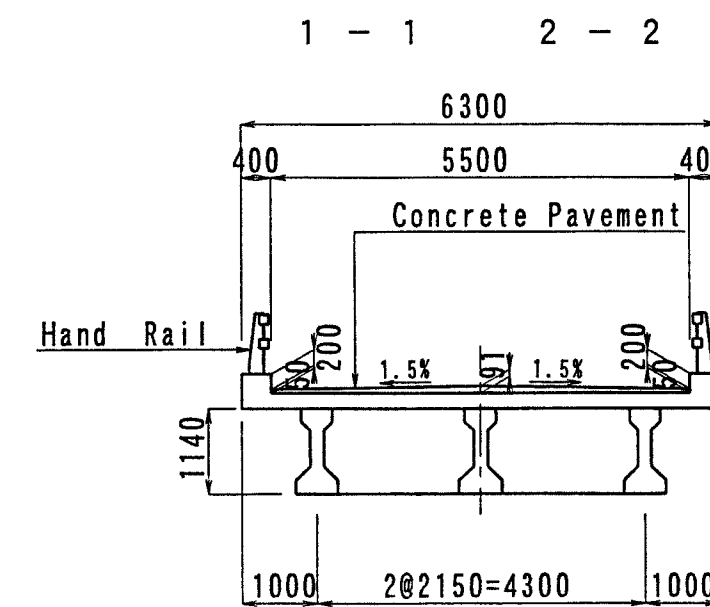
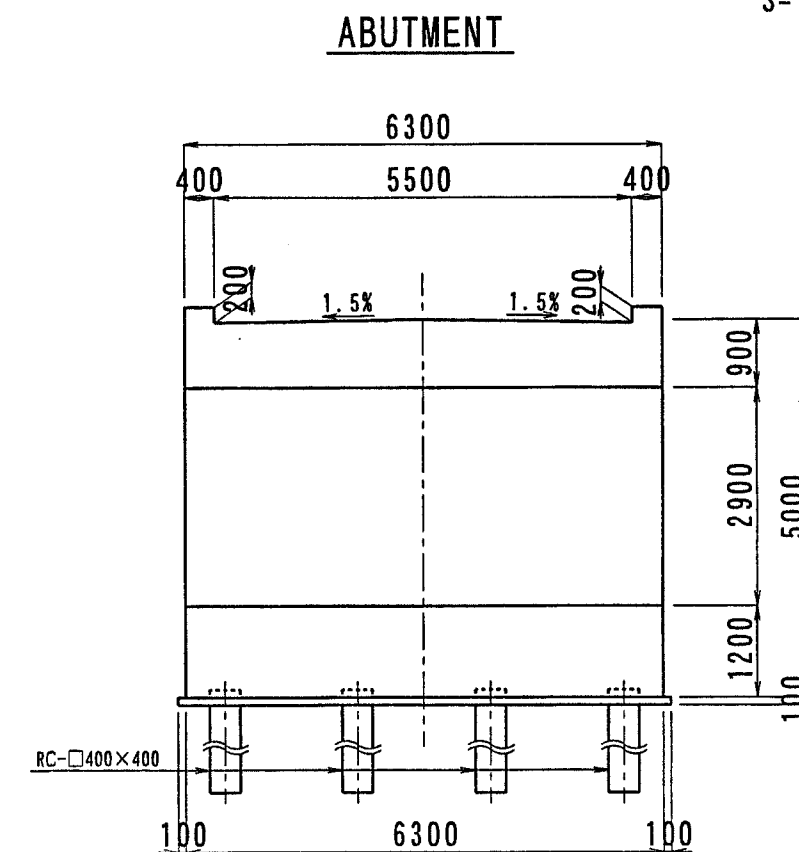
PROFILE  
S=1/400



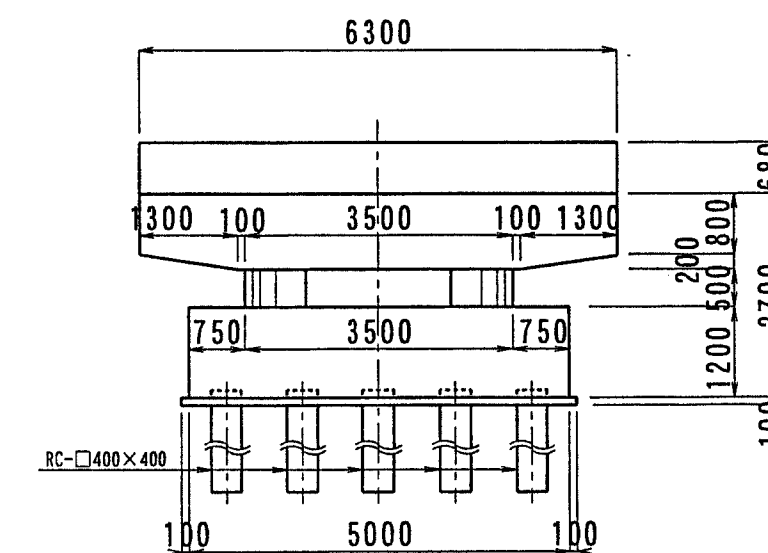
GIRDER LENGTH 12500



FRONT VIEW  
S=1/100



PIER



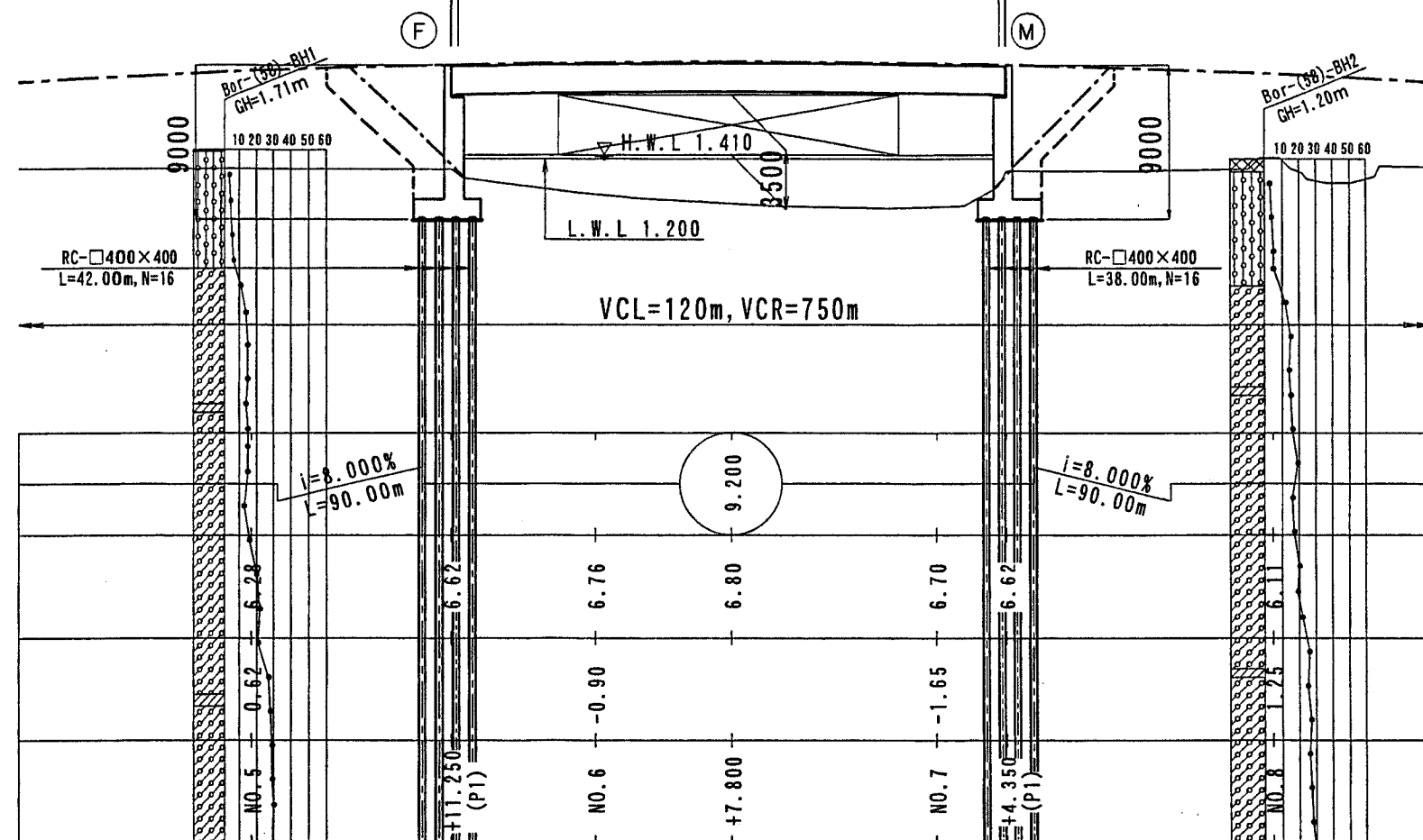
General Condition		
Design Speed	V=40km/h	
Bridge Length(Span Length)	49.74m(12.20m+23.94m+12.20m)	
Clearance(H, B)	2.0m×18.6m	
Longitudinal Gradient	0.80max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40×40cm	
Material Strength		
Super Structure Type	Girder	$\sigma_{28}=400\text{kgf/cm}^2$
	Cross Beam	$\sigma_{28}=300\text{kgf/cm}^2$
	Slab	$\sigma_{28}=300\text{kgf/cm}^2$
Surface	Asphalt	5cm
	Curb, Wall	$\sigma_{28}=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma_{28}=200\text{kgf/cm}^2$	
Reinforcing Steel	SD295 (py=30kg/mm <sup>2</sup> )	

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency(JICA)	Ministry of Transports The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (53) Chay Bridge (General View of the Bridge)	1/400, 1/100	

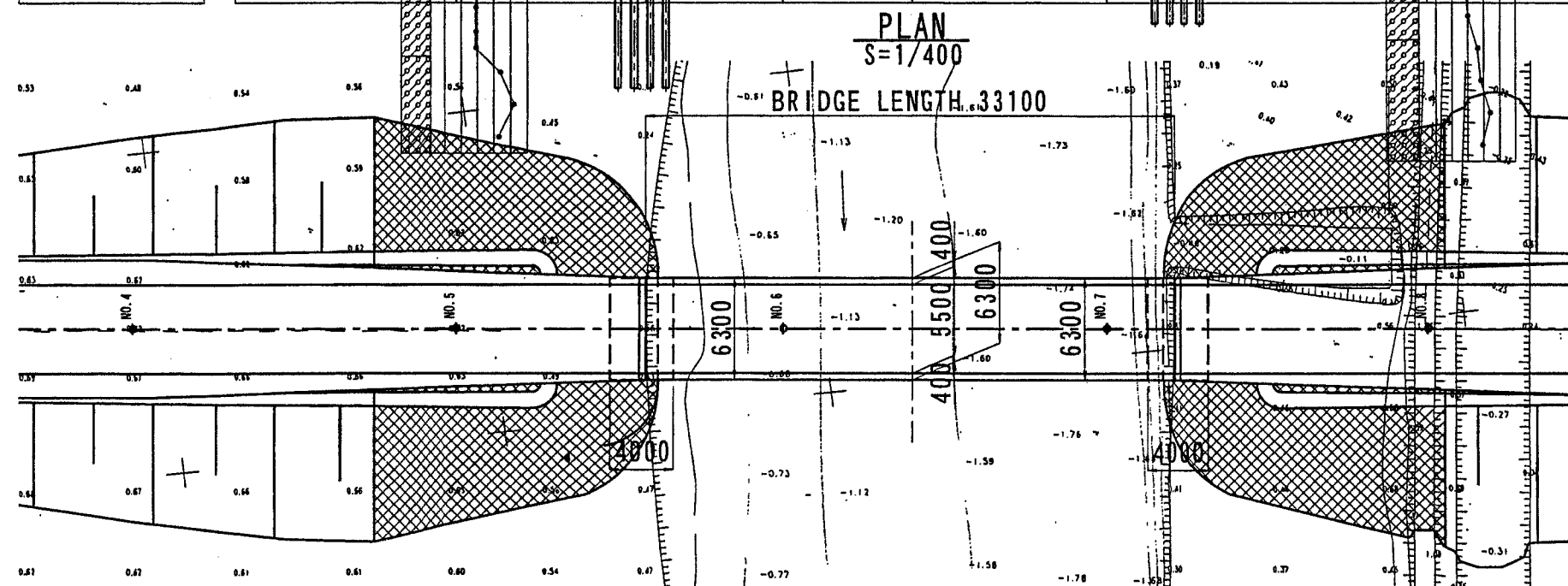
# Br. No. (58) Ap An Binh Bridge (General View of the Bridge)

PROFILE  
S=1/400

BRIDGE LENGTH 33100  
GIRDER LENGTH 33000  
SPAN 32200

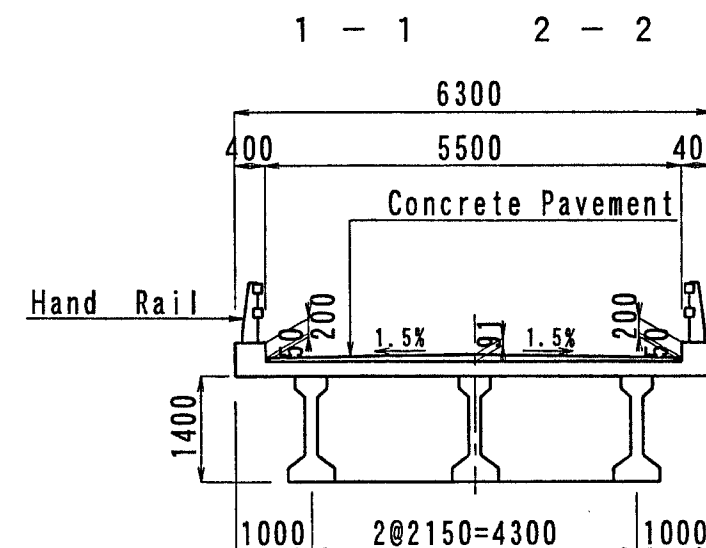


GRADE
PROPOSED HEIGHT
GROUND HEIGHT
STATION



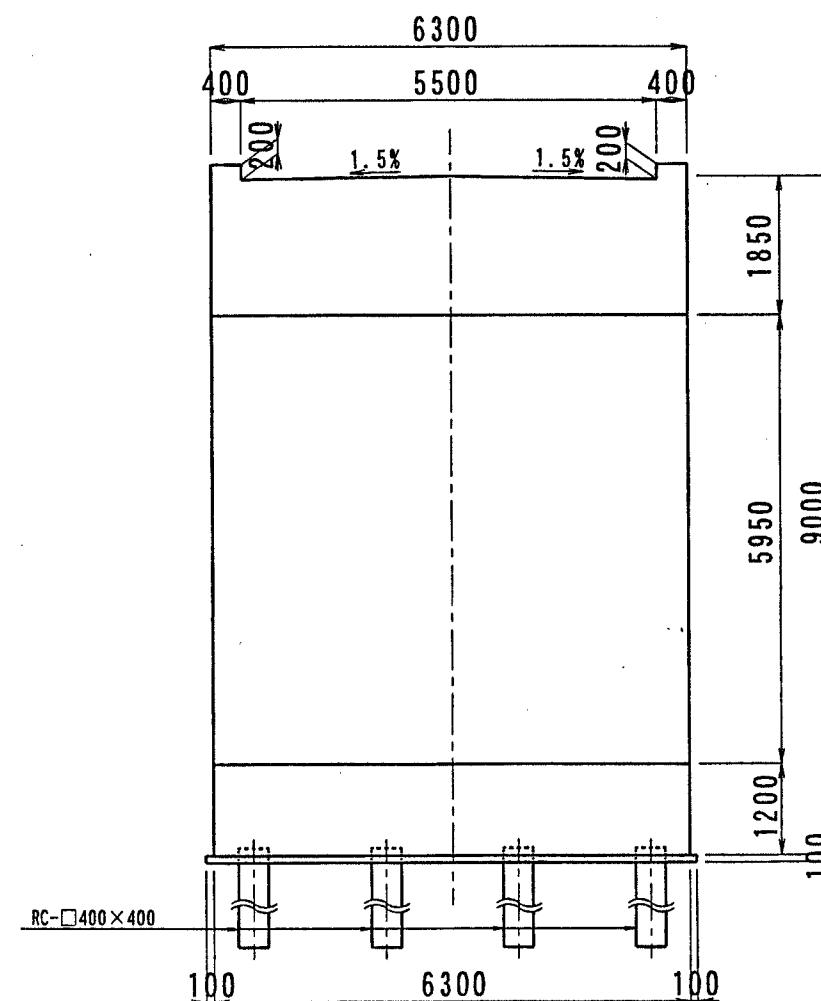
CROSS SECTION FOR PC GIRDER  
S=1/100

GIRDER LENGTH 33000



FRONT VIEW  
S=1/100

ABUTMENT



## DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	33.10m (32.20m)	
Clearance(H,B)	3.5m×20.0m	
Longitudinal Gradient	8.0%max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	RC-□400×400	
Material Strength		
Super Structure Type	Girder	σ28=400kgf/cm <sup>2</sup>
	Cross Beam	σ28=300kgf/cm <sup>2</sup>
	Slab	σ28=300kgf/cm <sup>2</sup>
Surface	Asphalt	5cm
	Curb, Wall	σ28=300kgf/cm <sup>2</sup>
Sub Structure Type	σ28=200kgf/cm <sup>2</sup>	
Reinforcing Steel	SD295 (py=30kg/mm <sup>2</sup> )	

## BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA

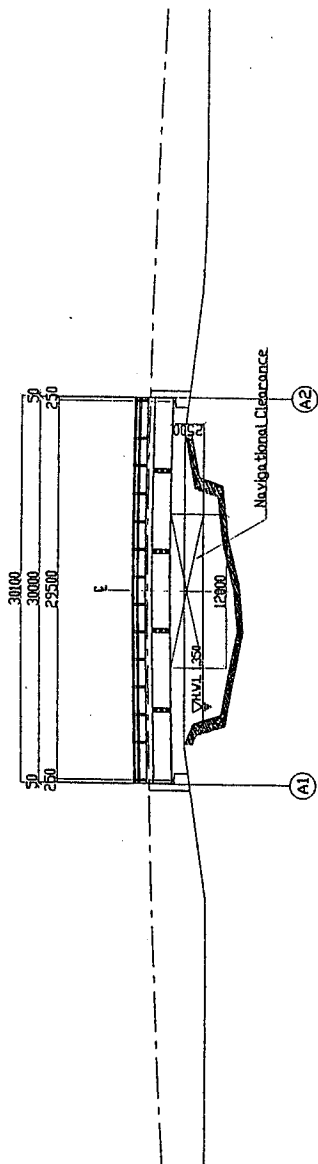
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (58) Ap An Binh Bridge (General View of the Bridge)	1/400, 1/100	

## 添付資料 1 4 資機材調達型一橋梁一般図



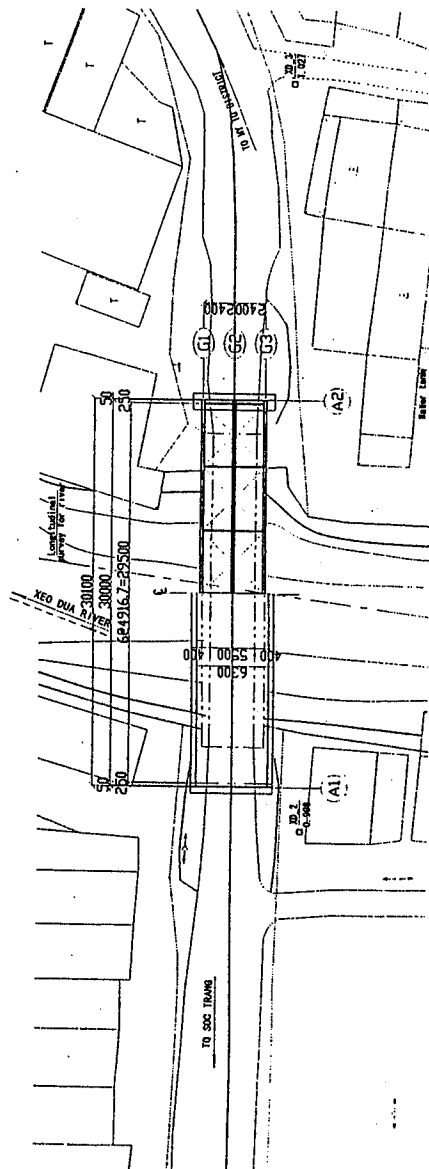
# Br.No10 Xeo Dua Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

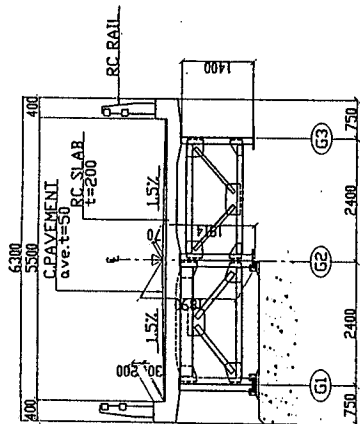


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
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53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
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57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
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91	91	91	91	91
92	92	92	92	92
93	93	93	93	93
94	94	94	94	94
95	95	95	95	95
96	96	96	96	96
97	97	97	97	97
98	98	98	98	98
99	99	99	99	99
100	100	100	100	100

PLAN  
SCALE=1/200



SECTION  
SCALE=1/50

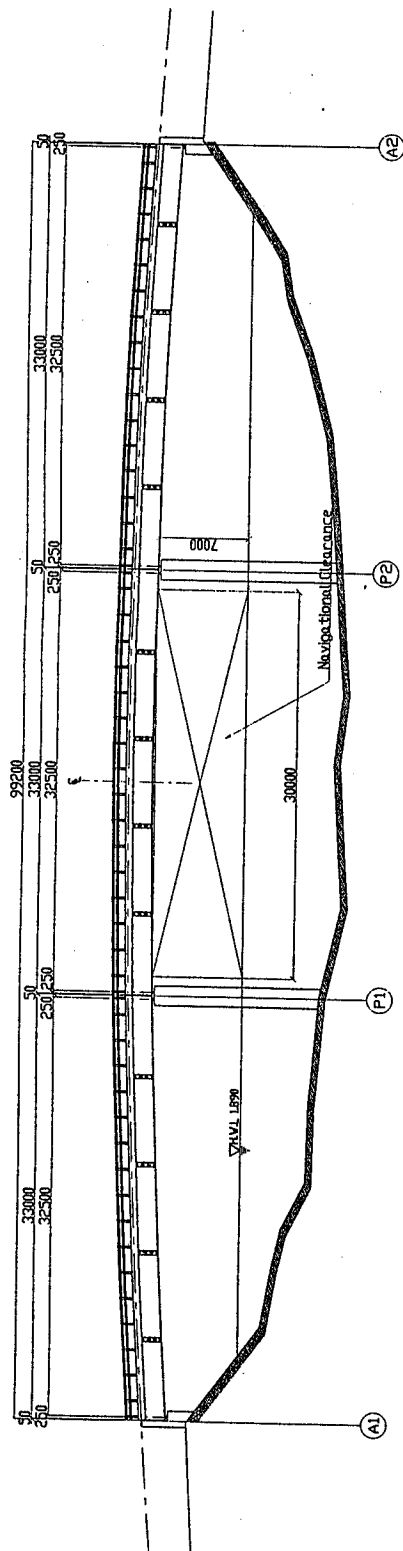


## DESIGN CRITERIA

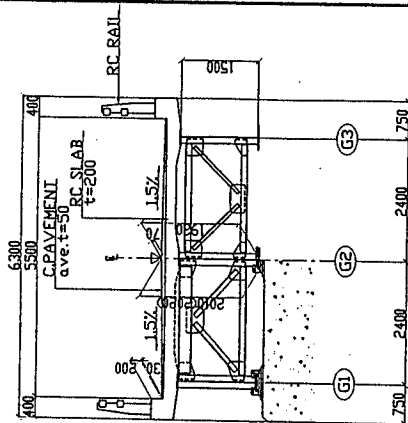
General Condition	Width (m)	Height (m)
Bridge Length (Span Length)	30.0m	5.0m
Clear Width	5.0m	5.0m
Longitudinal Gradient	1.5%	1.5%
Cross-fall of Carriageway	1.5%	1.5%
Super Structure Type	Steel	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Foundation Type	Reinforced Concrete	Reinforced Concrete
Material Strength	Steel Pipes 408mm	Steel Pipes 408mm
Super Structure Type	Steel	Reinforced Concrete
Surface	Reinforced Concrete	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete	Reinforced Concrete

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN THE XEO DUO AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Project Consultants International	Scale
Drawing Title	1/200, 1/50
General View of Xeo Duo Bridge	Drawing No.

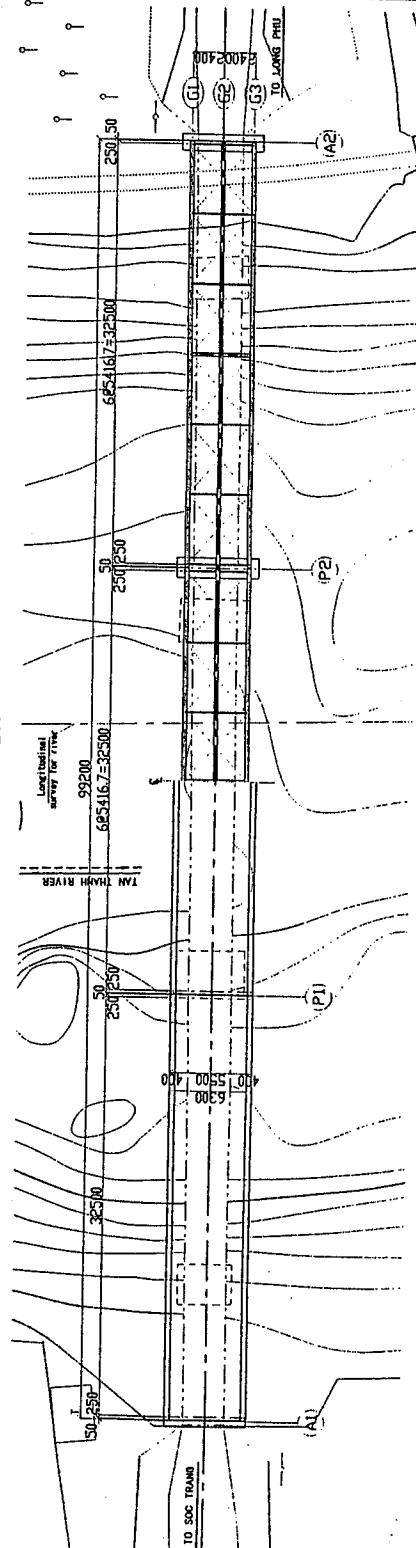
PROFILE  
SCALE=1/200

[illegible]

SECTION  
SCALE=1/50  
P1~P2(A1~P1,P2~A



PLAN  
SCALE=1/200

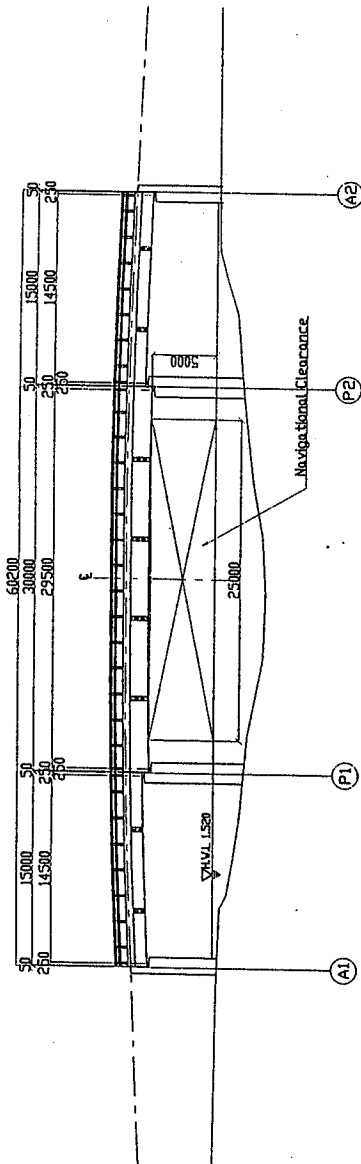


General Condition		
Deflate Speed	$v=400\text{m/h}$	
Bridge Length (Span Length)	$l=9.2\text{m}$	
Clear Width	$5.5\text{m}$	
Longitudinal Gradient	$0.05\%$	
Cross-fall of Carriage way	$1.5\%$	
Super Structure Type	Slab	
Sub Structure Type	Reinforced Concrete	
Foundation Type	Reinforced Concrete Bedded Concrete Square $40 \times 40\text{cm}$ Steel Pipes $140 \times 4\text{mm}$	
Material Strength		
Super Structure Type	$f_{sc}=210\text{N/mm}^2/\text{cm}^2$ $f_{st}=140\text{N/mm}^2/\text{cm}^2$	
Surface	Cross Beam	$f_{sc}=140\text{N/mm}^2/\text{cm}^2$
	Sub	$f_{sc}=210\text{N/mm}^2/\text{cm}^2$
	C/Pavement	$f_{sc}=15\text{N/mm}^2/\text{cm}^2$ $\text{area}=5\text{-cm}$
	Curb Wall	$f_{sc}=210\text{N/mm}^2/\text{cm}^2$
Sub Structure Type	$f_{sc}=210\text{N/mm}^2/\text{cm}^2$	
Reinforcing Steel	$f_{st}=350\text{N/mm}^2/\text{cm}^2$	

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO D.F., AREA	
Asian International Cooperation Agency (AICA)	
Pacific Consultants International	
Ministry of Transport The Socialist Republic of Vietnam	
Drawing Title	Scale
General View of Sun Yard Bridge	1/200 1/50

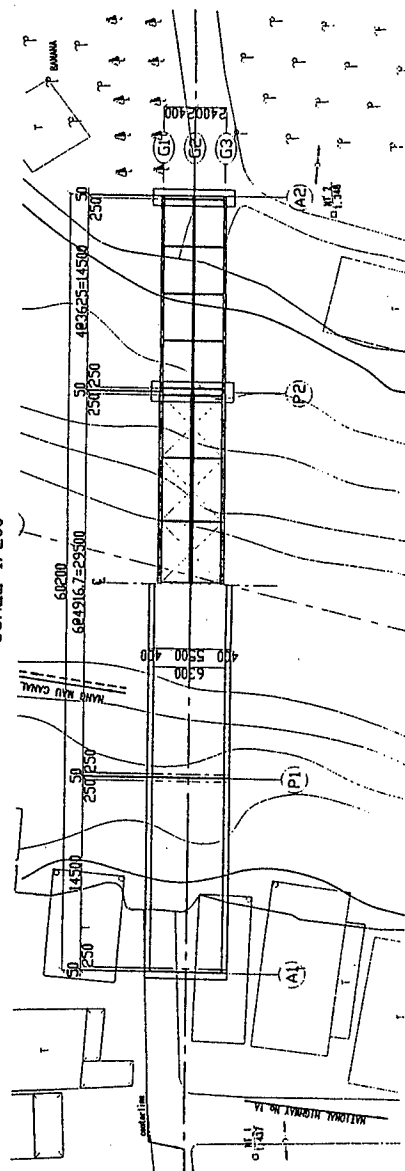
# Br.No14 Nga Tu Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

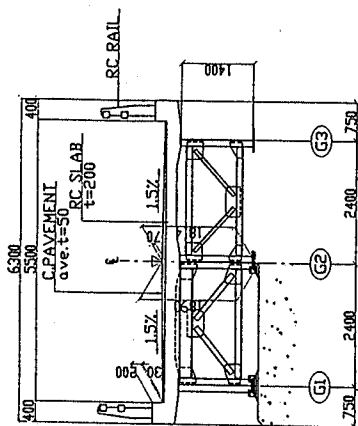


GRADE	PROPOSED HIGH	GROUND HIGH	DISTANCE	MARKER
13	51.78	52.1	7.23	
12	53.30	53.6	14.50	
11	54.55	54.9	21.75	
10	55.33	55.7	28.50	
9	56.15	56.5	35.75	
8	56.65	57.0	42.50	
7	57.05	57.4	49.75	
6	57.35	57.7	56.50	
5	57.55	57.9	63.75	
4	57.75	58.1	70.50	
3	57.85	58.2	77.25	
2	57.95	58.3	84.00	
1	58.05	58.4	90.75	
0	58.15	58.5	97.50	
1	58.25	58.6	104.25	
2	58.35	58.7	111.00	
3	58.45	58.8	117.75	
4	58.55	58.9	124.50	
5	58.65	59.0	131.25	
6	58.75	59.1	138.00	
7	58.85	59.2	144.75	
8	58.95	59.3	151.50	
9	59.05	59.4	158.25	
10	59.15	59.5	165.00	
11	59.25	59.6	171.75	
12	59.35	59.7	178.50	
13	59.45	59.8	185.25	
14	59.55	59.9	192.00	
15	59.65	60.0	198.75	
16	59.75	60.1	205.50	
17	59.85	60.2	212.25	
18	59.95	60.3	219.00	
19	60.05	60.4	225.75	
20	60.15	60.5	232.50	
21	60.25	60.6	239.25	
22	60.35	60.7	246.00	
23	60.45	60.8	252.75	
24	60.55	60.9	259.50	
25	60.65	61.0	266.25	
26	60.75	61.1	273.00	
27	60.85	61.2	279.75	
28	60.95	61.3	286.50	
29	61.05	61.4	293.25	
30	61.15	61.5	300.00	
31	61.25	61.6	306.75	
32	61.35	61.7	313.50	
33	61.45	61.8	320.25	
34	61.55	61.9	327.00	
35	61.65	62.0	333.75	
36	61.75	62.1	340.50	
37	61.85	62.2	347.25	
38	61.95	62.3	354.00	
39	62.05	62.4	360.75	
40	62.15	62.5	367.50	
41	62.25	62.6	374.25	
42	62.35	62.7	381.00	
43	62.45	62.8	387.75	
44	62.55	62.9	394.50	
45	62.65	63.0	401.25	
46	62.75	63.1	408.00	
47	62.85	63.2	414.75	
48	62.95	63.3	421.50	
49	63.05	63.4	428.25	
50	63.15	63.5	435.00	
51	63.25	63.6	441.75	
52	63.35	63.7	448.50	
53	63.45	63.8	455.25	
54	63.55	63.9	462.00	
55	63.65	64.0	468.75	
56	63.75	64.1	475.50	
57	63.85	64.2	482.25	
58	63.95	64.3	489.00	
59	64.05	64.4	495.75	
60	64.15	64.5	502.50	
61	64.25	64.6	509.25	
62	64.35	64.7	516.00	
63	64.45	64.8	522.75	
64	64.55	64.9	529.50	
65	64.65	65.0	536.25	
66	64.75	65.1	543.00	
67	64.85	65.2	549.75	
68	64.95	65.3	556.50	
69	65.05	65.4	563.25	
70	65.15	65.5	570.00	
71	65.25	65.6	576.75	
72	65.35	65.7	583.50	
73	65.45	65.8	590.25	
74	65.55	65.9	597.00	
75	65.65	66.0	603.75	
76	65.75	66.1	610.50	
77	65.85	66.2	617.25	
78	65.95	66.3	624.00	
79	66.05	66.4	630.75	
80	66.15	66.5	637.50	
81	66.25	66.6	644.25	
82	66.35	66.7	651.00	
83	66.45	66.8	657.75	
84	66.55	66.9	664.50	
85	66.65	67.0	671.25	
86	66.75	67.1	678.00	
87	66.85	67.2	684.75	
88	66.95	67.3	691.50	
89	67.05	67.4	698.25	
90	67.15	67.5	705.00	
91	67.25	67.6	711.75	
92	67.35	67.7	718.50	
93	67.45	67.8	725.25	
94	67.55	67.9	732.00	
95	67.65	68.0	738.75	
96	67.75	68.1	745.50	
97	67.85	68.2	752.25	
98	67.95	68.3	759.00	
99	68.05	68.4	765.75	
100	68.15	68.5	772.50	

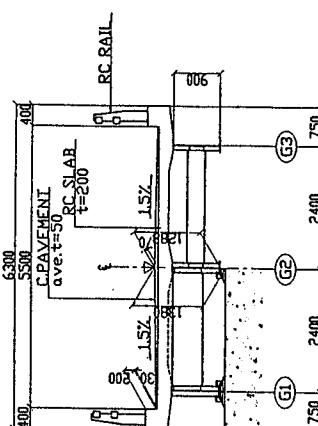
PLAN  
SCALE=1/200



SECTION  
SCALE=1/50  
P1~P2



AI~P1, P2~A2



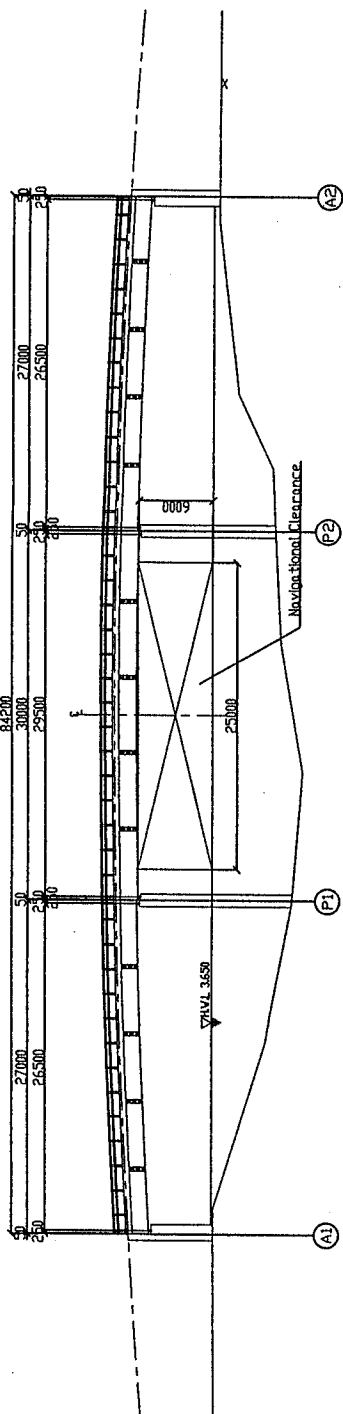
DESIGN CRITERIA

General Condition	Y=400m/h
Design Speed	80 km/h
Bridge Length (Span Length)	550m
Clear Width	5.5m
Longitudinal Gradient	0.75%
Cross-fall of Carriageway	1.5%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel Pipe 4.00x4mm
Super Structure Type	Steel
Deck	Reinforced Concrete
Sub	Reinforced Concrete
C/Pavement	Reinforced Concrete
Surface	Reinforced Concrete
Sub Structure Type	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEGONG DELTA AREA	
Japan International Cooperative Agency (JICA)	
Ministry of Transport	
Pacific Consultants International	
The Socialist Republic of Vietnam	
Drawing Title	Scale
General View of Nga Tu Bridge	1/200, 1/50
Drawing No.	

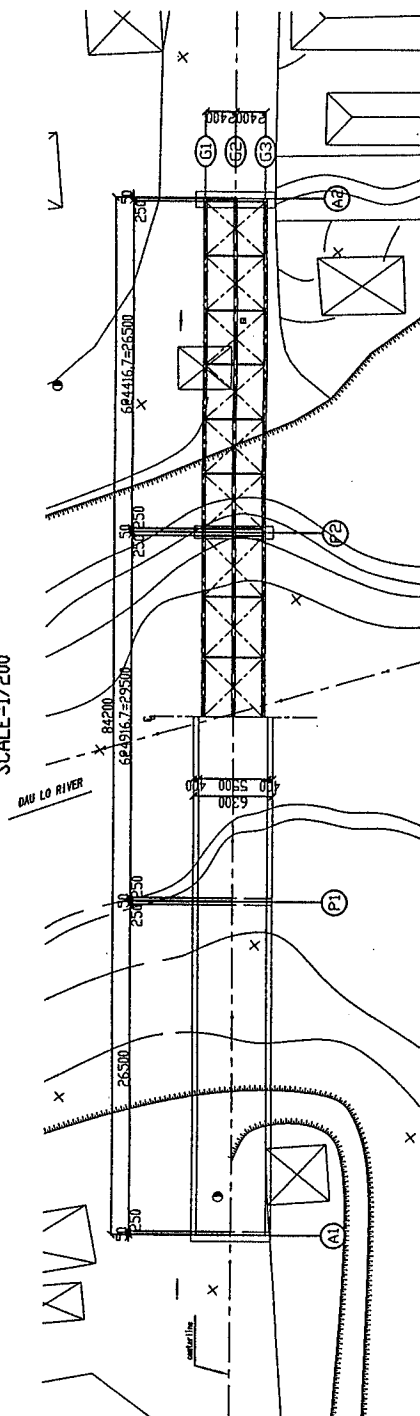
# Br.No19 Soc Triet Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

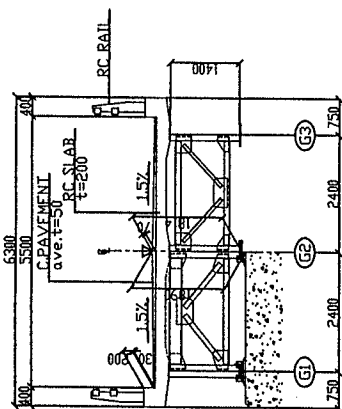


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
AI	57.90	60.00	3.60	10.36
BI	73.68	73.68	0.00	10.36
CI	73.68	73.68	0.00	10.36
DI	73.68	73.68	0.00	10.36
EI	73.68	73.68	0.00	10.36
FI	73.68	73.68	0.00	10.36
GI	73.68	73.68	0.00	10.36
HI	73.68	73.68	0.00	10.36
II	73.68	73.68	0.00	10.36
III	73.68	73.68	0.00	10.36
IV	73.68	73.68	0.00	10.36
VI	73.68	73.68	0.00	10.36
VII	73.68	73.68	0.00	10.36
VIII	73.68	73.68	0.00	10.36
IX	73.68	73.68	0.00	10.36
X	73.68	73.68	0.00	10.36
XI	73.68	73.68	0.00	10.36
XII	73.68	73.68	0.00	10.36
XIII	73.68	73.68	0.00	10.36
XIV	73.68	73.68	0.00	10.36
XV	73.68	73.68	0.00	10.36
XVI	73.68	73.68	0.00	10.36
XVII	73.68	73.68	0.00	10.36
XVIII	73.68	73.68	0.00	10.36
XIX	73.68	73.68	0.00	10.36
XX	73.68	73.68	0.00	10.36
XXI	73.68	73.68	0.00	10.36
XXII	73.68	73.68	0.00	10.36
XXIII	73.68	73.68	0.00	10.36
XXIV	73.68	73.68	0.00	10.36
XXV	73.68	73.68	0.00	10.36
XXVI	73.68	73.68	0.00	10.36
XXVII	73.68	73.68	0.00	10.36
XXVIII	73.68	73.68	0.00	10.36
XXIX	73.68	73.68	0.00	10.36
XXX	73.68	73.68	0.00	10.36

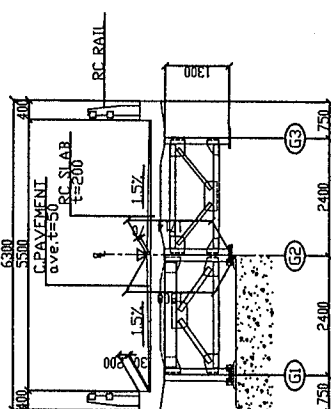
PLAN  
SCALE=1/200



SECTION  
SCALE=1/50  
PI-P2



AI-P1, P2-A2



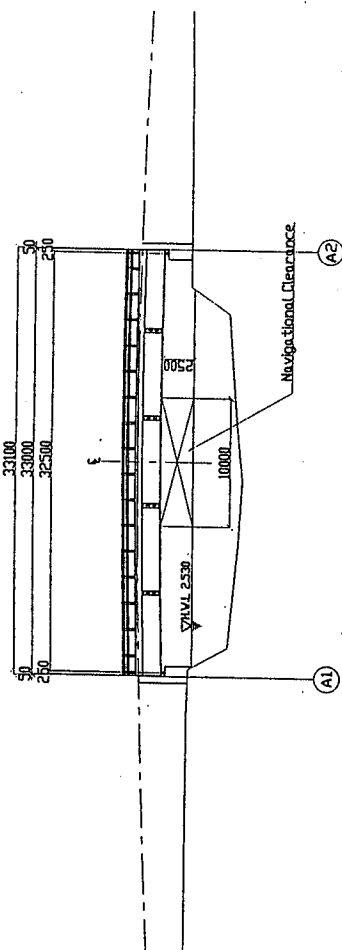
DESIGN CRITERIA

General Condition	Design Speed	40km/h
Bridge Length (Span Length)	Clear Width	8.5m
Longitudinal Gradient	Cross-slope of Carriage way	1.5%
Super Structure Type	Sub Structure Type	Reinforced Concrete
Foundation Type	Material Strength	Steel Piles 405.4mm
Super Structure Type	Concrete Strength	20MPa
Surface	Concrete Strength	20MPa
Sub Structure Type	Concrete Strength	20MPa
Reinforcing Steel	Concrete Strength	20MPa

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN KENYA DATA AREA	Scale	1/200, 1/50
Japan International Cooperation Agency (JICA)	Drawing No.	
Ministry of Transport		
The Socialist Republic of Vietnam		
Pacific Consultants International		
General View of Soc Triet Bridge		

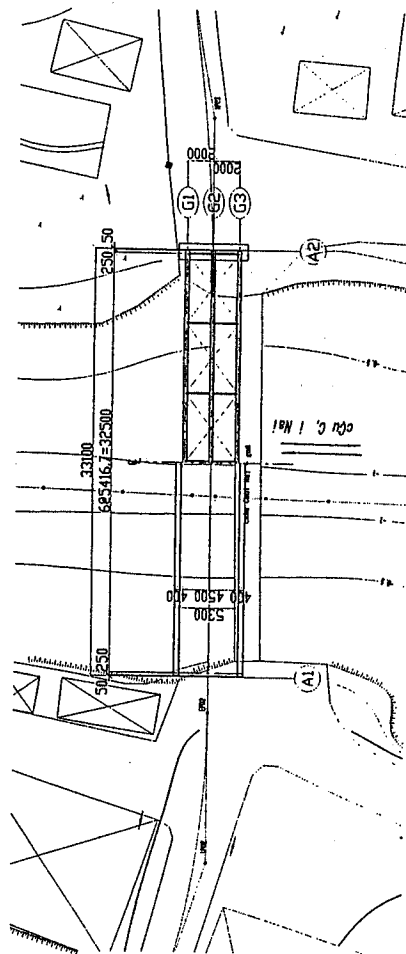
# Br.No20 Cai noi Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

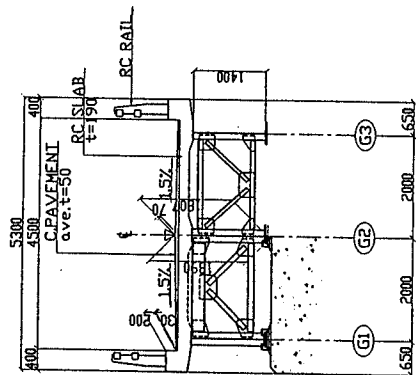


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
33000	33000	32500	0	A1
32500	32500	32500	50	A2
32000	32000	32000	100	A3
31500	31500	31500	150	A4
31000	31000	31000	200	A5
30500	30500	30500	250	A6
30000	30000	30000	300	A7
29500	29500	29500	350	A8
29000	29000	29000	400	A9
28500	28500	28500	450	A10
28000	28000	28000	500	A11
27500	27500	27500	550	A12
27000	27000	27000	600	A13
26500	26500	26500	650	A14
26000	26000	26000	700	A15
25500	25500	25500	750	A16
25000	25000	25000	800	A17
24500	24500	24500	850	A18
24000	24000	24000	900	A19
23500	23500	23500	950	A20
23000	23000	23000	1000	A21
22500	22500	22500	1050	A22
22000	22000	22000	1100	A23
21500	21500	21500	1150	A24
21000	21000	21000	1200	A25
20500	20500	20500	1250	A26
20000	20000	20000	1300	A27
19500	19500	19500	1350	A28
19000	19000	19000	1400	A29
18500	18500	18500	1450	A30
18000	18000	18000	1500	A31
17500	17500	17500	1550	A32
17000	17000	17000	1600	A33
16500	16500	16500	1650	A34
16000	16000	16000	1700	A35
15500	15500	15500	1750	A36
15000	15000	15000	1800	A37
14500	14500	14500	1850	A38
14000	14000	14000	1900	A39
13500	13500	13500	1950	A40
13000	13000	13000	2000	A41
12500	12500	12500	2050	A42
12000	12000	12000	2100	A43
11500	11500	11500	2150	A44
11000	11000	11000	2200	A45
10500	10500	10500	2250	A46
10000	10000	10000	2300	A47
9500	9500	9500	2350	A48
9000	9000	9000	2400	A49
8500	8500	8500	2450	A50
8000	8000	8000	2500	A51
7500	7500	7500	2550	A52
7000	7000	7000	2600	A53
6500	6500	6500	2650	A54
6000	6000	6000	2700	A55
5500	5500	5500	2750	A56
5000	5000	5000	2800	A57
4500	4500	4500	2850	A58
4000	4000	4000	2900	A59
3500	3500	3500	2950	A60
3000	3000	3000	3000	A61
2500	2500	2500	3050	A62
2000	2000	2000	3100	A63
1500	1500	1500	3150	A64
1000	1000	1000	3200	A65
500	500	500	3250	A66
0	0	0	3300	A67

PLAN  
SCALE=1/200



SECTION  
SCALE=1/50



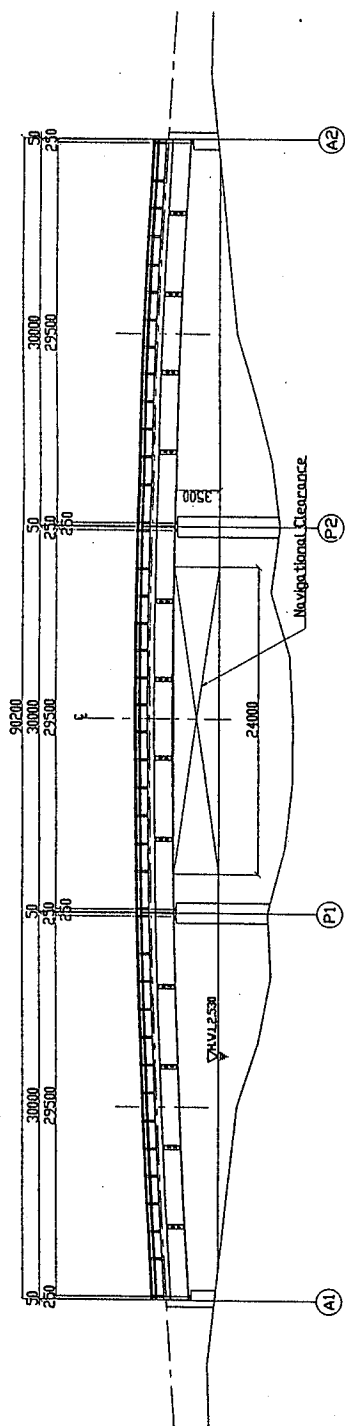
DESIGN CRITERIA

General Condition	Design Criteria
Design Speed	40 km/h
Bridge Length (Span Length)	30.1m
Clear Width	4.5m
Construction Gradient	8.0%
Clearance of Carriage way	1.90m
Sub Structure Type	Abutment
Foundation Type	Reinforced Concrete
Material Strength	Steel Type S235
Super Structure Type	Steel Type S235
Surface	Reinforced Concrete
Sub Structure Type	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete

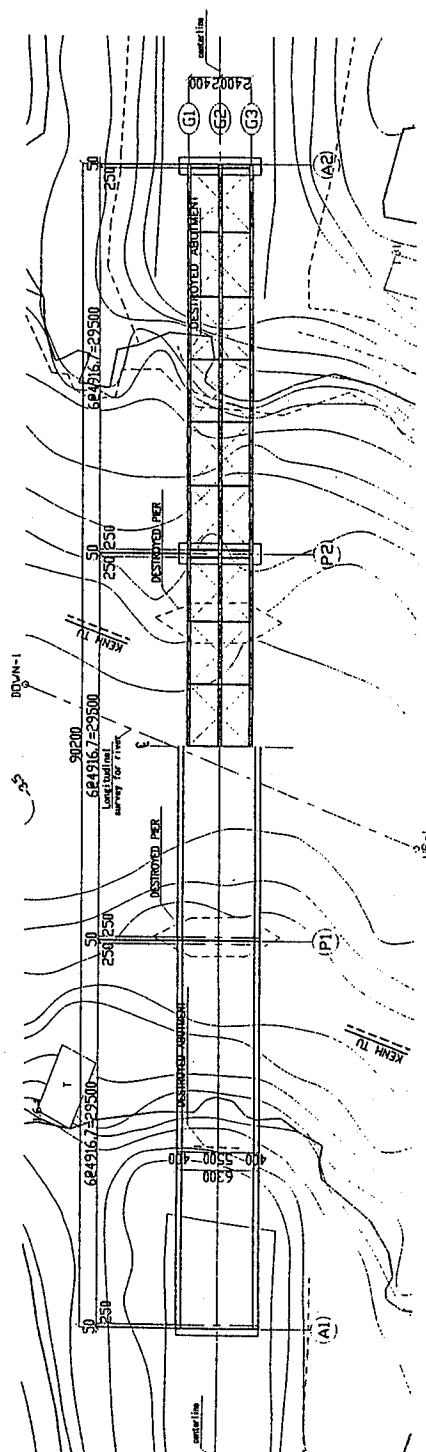
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DATA AREA	
Agency International Cooperation Agency (ICA)	Ministry of Transport
Project Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General Title of Cai Noi Bridge	1/200, 1/50
Drawing No.	



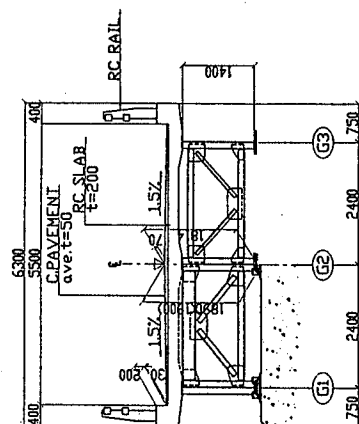
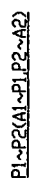
PROFILE  
SCALE=1/200



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
A1	44.90			
C3	60.0	45.8	70.00 - 1.55	
P1	75.00	73.90	90.00 - 2.26	
CL	90.0	92.4	95.00 - 3.20	
P2	105.00	102.7	100.00 - 1.51	
C4	120.00	113	110.00 - 1.55	
A2	135.10		115.00 - 0.31	
	150.0		120.00 - 2.19	



SECTION  
SCALE=1/50



## DESIGN CRITERIA

[illegible]

**BASIC DESIGN STUDY ON THE PROJECT FOR  
CONSTRUCTION OF BRIDGES IN MEXONG DELTA AREA**

**BASIC DESIGN STUDY ON THE PROJECT FOR  
CONSTRUCTION OF BRIDGES IN MEXKONG DELTA AREA**

Cooperation Agency (TICA)

Ministry of Transport  
The Socialist Republic of

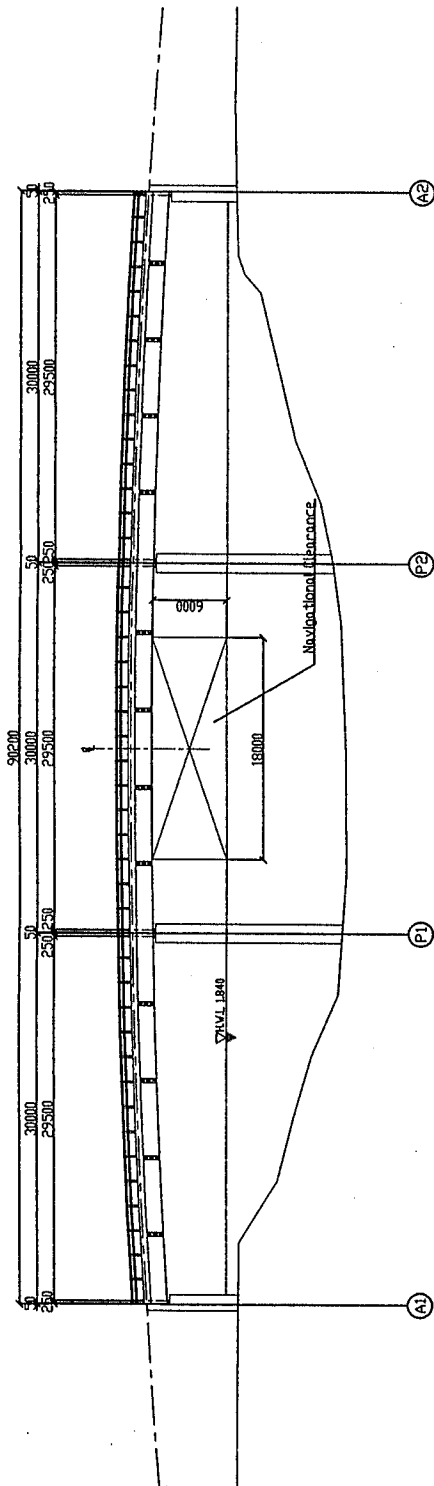
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Swing Tide	Scale
0.00 1.00 2.00 3.00 4.00	1.00 2.00 3.00 4.00

of Length to Bridge	1/200, 1/50
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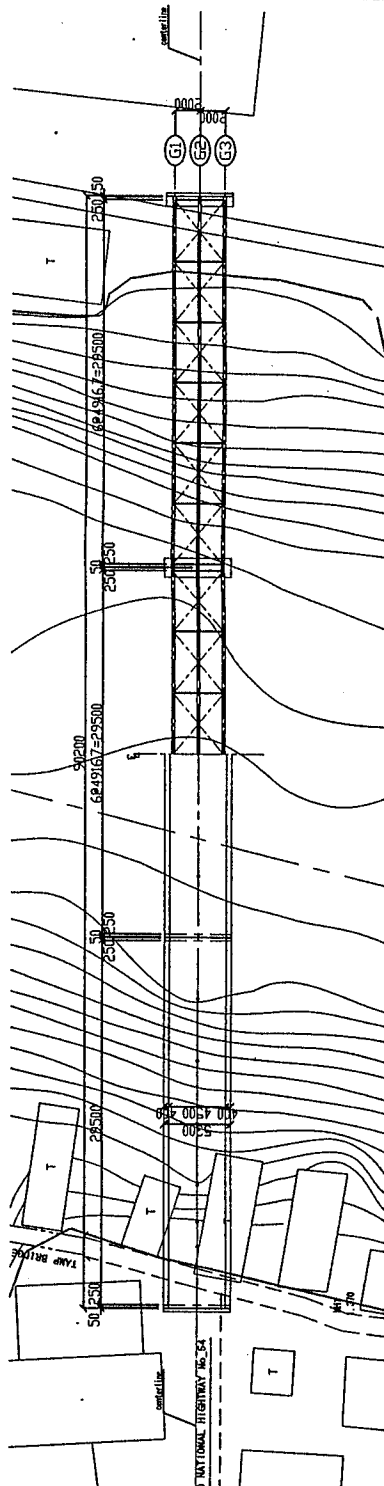
# Br.No25 My Hoa Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
A1	44.90	82.42	0	
C3	50.00	52.00	151	
1	53.00	1.62	152	
2	60.00	-2.07	287	
3	65.00	-1.36	436	
4	70.00	-4.32	570	
P1	74.90	9.44	710	
5	80.00	-7.10	800	
6	90.00	-7.12	939	
7	100.00	-6.76	1000	
P2	105.00	6.07	1050	
9	110.00	-3.02	1100	
10	115.00	-2.97	1150	
11	120.00	-1.82	1200	
C3	127.00	-4.15	1270	
12	128.00	1.15	1280	
C4	130.00	6.7	1300	
A2	135.10	8.24	1351	

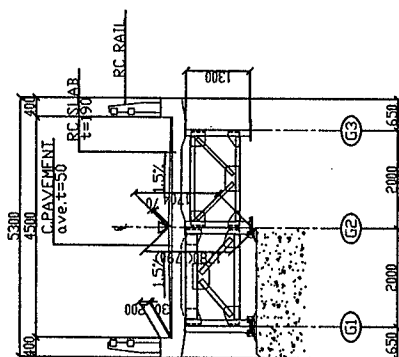
PLAN  
SCALE=1/200



SECTION

SCALE=1/50

PI-P2(A1~PI)P2~A2



DESIGN CRITERIA

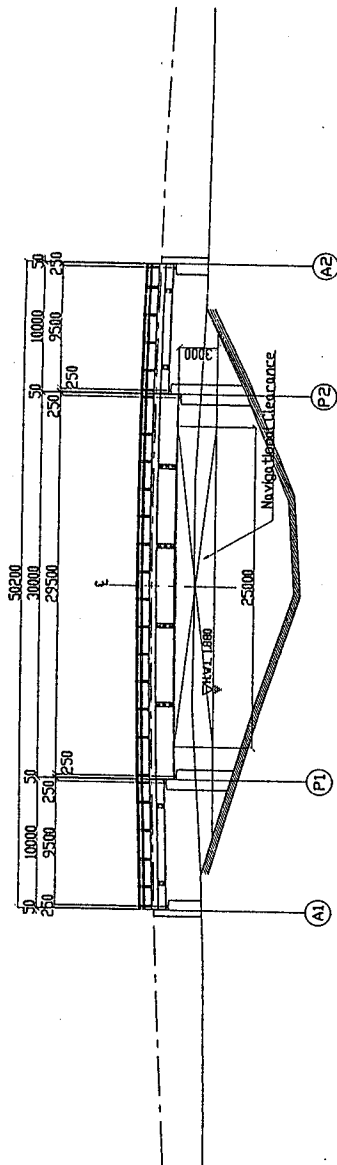
General Conditions	
Design Speed	V=40km/h
Bridge Length (Span Length)	90.2m
Clear Width	4.5m
Load Standard Gradient	0.000m
Clearance of Carriage way	1.50m
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 0x0.0m
Material Strength	Steel Pipe 4402.4mm
Super Structure Type	Order
Concrete	#20-20000/cm2
Steel	#20-20000/cm2
Surface	C-20000/cm2
Sub Structure Type	C-20000/cm2
Reinforcing Steel	#20-20000/cm2

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN BIKING DATA AREA	
Japan International Cooperation Agency (JICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General View of My Hoa Bridge	1/200, 1/50
Drawing No.	Drawing No.



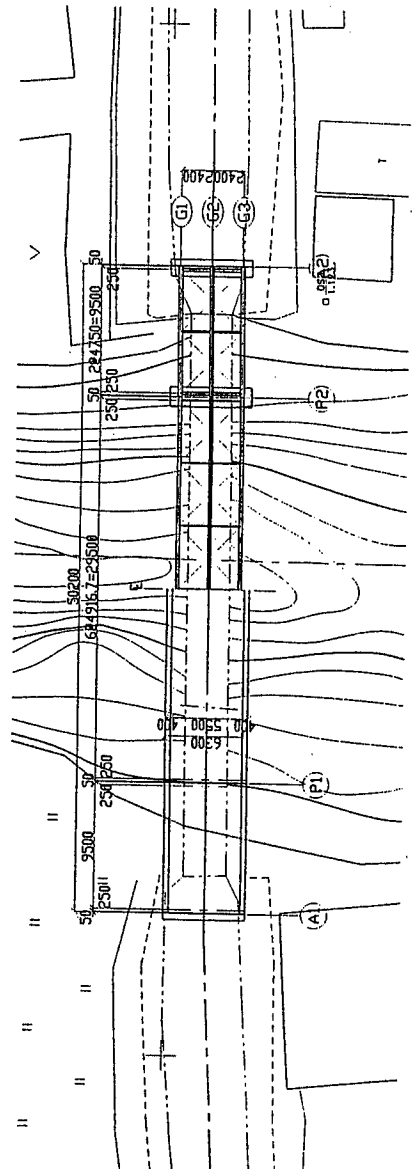
# Br.No29 Dai Su Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

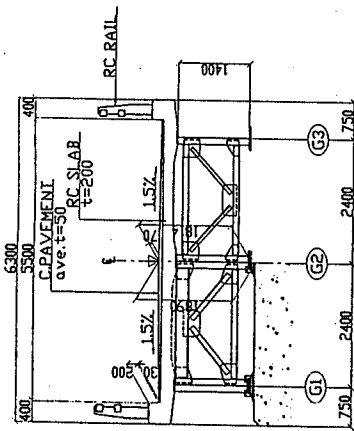


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
1	50200	50200	0.00	
2	50100	50100	100.00	
3	50000	50000	200.00	
4	49900	49900	300.00	
5	49800	49800	400.00	
6	49700	49700	500.00	
7	49600	49600	600.00	
8	49500	49500	700.00	
9	49400	49400	800.00	
10	49300	49300	900.00	
11	49200	49200	1000.00	
12	49100	49100	1100.00	
13	49000	49000	1200.00	
14	48900	48900	1300.00	
15	48800	48800	1400.00	
16	48700	48700	1500.00	
17	48600	48600	1600.00	
18	48500	48500	1700.00	
19	48400	48400	1800.00	
20	48300	48300	1900.00	
21	48200	48200	2000.00	
22	48100	48100	2100.00	
23	48000	48000	2200.00	
24	47900	47900	2300.00	
25	47800	47800	2400.00	
26	47700	47700	2500.00	
27	47600	47600	2600.00	
28	47500	47500	2700.00	
29	47400	47400	2800.00	
30	47300	47300	2900.00	
31	47200	47200	3000.00	
32	47100	47100	3100.00	
33	47000	47000	3200.00	
34	46900	46900	3300.00	
35	46800	46800	3400.00	
36	46700	46700	3500.00	
37	46600	46600	3600.00	
38	46500	46500	3700.00	
39	46400	46400	3800.00	
40	46300	46300	3900.00	
41	46200	46200	4000.00	
42	46100	46100	4100.00	
43	46000	46000	4200.00	
44	45900	45900	4300.00	
45	45800	45800	4400.00	
46	45700	45700	4500.00	
47	45600	45600	4600.00	
48	45500	45500	4700.00	
49	45400	45400	4800.00	
50	45300	45300	4900.00	
51	45200	45200	5000.00	
52	45100	45100	5100.00	
53	45000	45000	5200.00	
54	44900	44900	5300.00	
55	44800	44800	5400.00	
56	44700	44700	5500.00	
57	44600	44600	5600.00	
58	44500	44500	5700.00	
59	44400	44400	5800.00	
60	44300	44300	5900.00	
61	44200	44200	6000.00	
62	44100	44100	6100.00	
63	44000	44000	6200.00	
64	43900	43900	6300.00	
65	43800	43800	6400.00	
66	43700	43700	6500.00	
67	43600	43600	6600.00	
68	43500	43500	6700.00	
69	43400	43400	6800.00	
70	43300	43300	6900.00	
71	43200	43200	7000.00	
72	43100	43100	7100.00	
73	43000	43000	7200.00	
74	42900	42900	7300.00	
75	42800	42800	7400.00	
76	42700	42700	7500.00	
77	42600	42600	7600.00	
78	42500	42500	7700.00	
79	42400	42400	7800.00	
80	42300	42300	7900.00	
81	42200	42200	8000.00	
82	42100	42100	8100.00	
83	42000	42000	8200.00	
84	41900	41900	8300.00	
85	41800	41800	8400.00	
86	41700	41700	8500.00	
87	41600	41600	8600.00	
88	41500	41500	8700.00	
89	41400	41400	8800.00	
90	41300	41300	8900.00	
91	41200	41200	9000.00	
92	41100	41100	9100.00	
93	41000	41000	9200.00	
94	40900	40900	9300.00	
95	40800	40800	9400.00	
96	40700	40700	9500.00	
97	40600	40600	9600.00	
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100	40300	40300	9900.00	
101	40200	40200	10000.00	

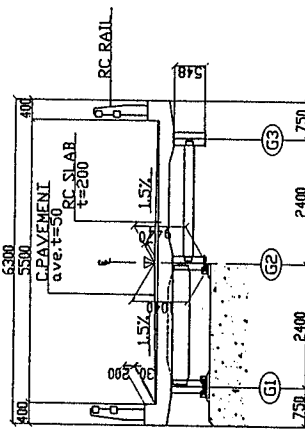
PLAN  
SCALE=1/200



SECTION  
SCALE=1/50  
PI~P2



AI~PI, P2~A2



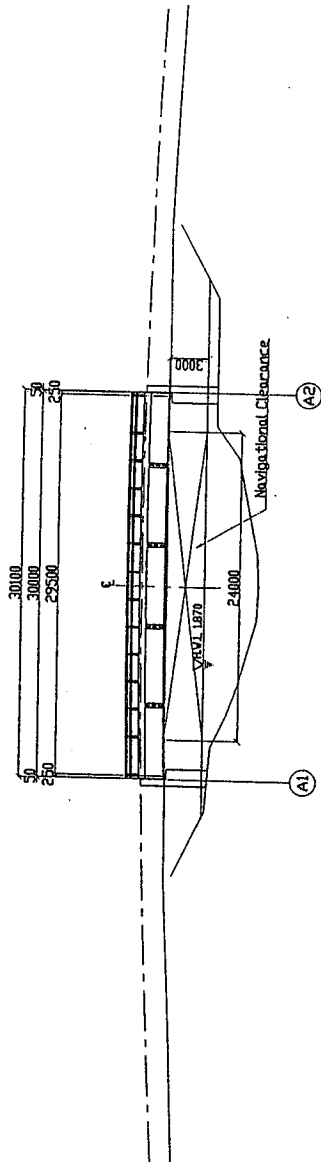
## DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	50.2m	
Clear Width	5.5m	
Longitudinal Gradient	8.00%	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Steel	
Sub Structure Type	Abutment	Reinforced Concrete
Foundation Type	Pier	Reinforced Concrete
Reinforced Concrete Square 40x40-cm		
Steel Pipe 406.5mm		
Material Strength		
Super Structure Type	Grider	$f_{yk}=100N/mm^2$
	Cross Beam	$f_{yk}=140N/mm^2$
	Shk	$f_{yk}=28-300N/mm^2$
Surface	C/Pavement	$f_{yk}=1-5cm$
	Curb Wall	$f_{yk}=28-300N/mm^2$
Sub Structure Type		$f_{yk}=28-300N/mm^2$
Reinforcing Steel		$f_{yk}=235N/mm^2$

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DATA AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport	
Public Consultants International	
General View of Dai Su Bridge	
Scale	1/200, 1/50
Drawing No.	

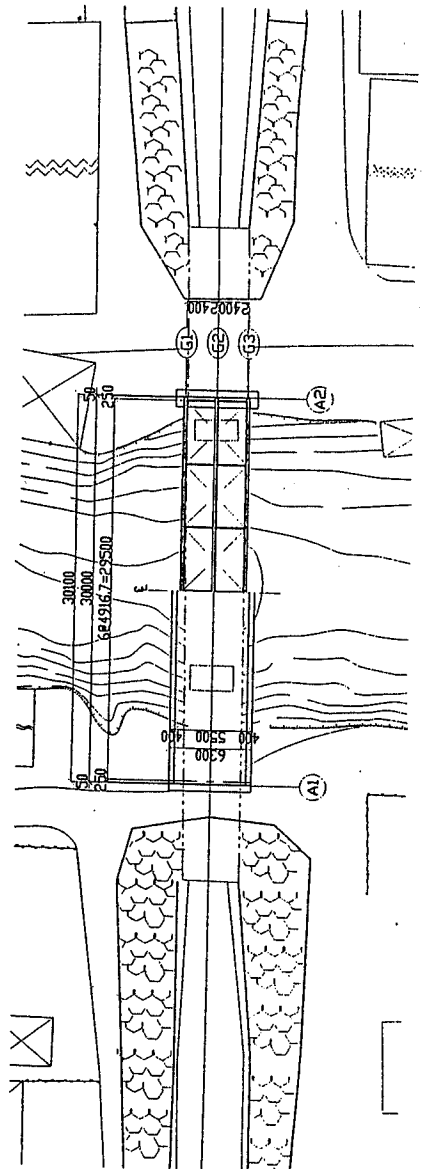
# Br.No36 Huong My Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

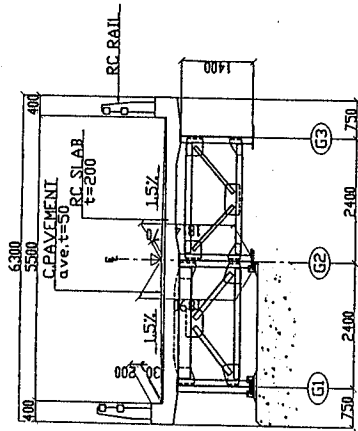


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
100.16	100.16	100.16	0+00	1
100.16	100.16	100.16	0+10	2
100.16	100.16	100.16	0+20	3
100.16	100.16	100.16	0+30	4
100.16	100.16	100.16	0+40	5
100.16	100.16	100.16	0+50	6
100.16	100.16	100.16	0+60	7
100.16	100.16	100.16	0+70	8
100.16	100.16	100.16	0+80	9
100.16	100.16	100.16	0+90	10
100.16	100.16	100.16	0+100	11
100.16	100.16	100.16	0+110	12
100.16	100.16	100.16	0+120	13
100.16	100.16	100.16	0+130	14
100.16	100.16	100.16	0+140	15
100.16	100.16	100.16	0+150	16
100.16	100.16	100.16	0+160	17
100.16	100.16	100.16	0+170	18
100.16	100.16	100.16	0+180	19
100.16	100.16	100.16	0+190	20
100.16	100.16	100.16	0+200	21
100.16	100.16	100.16	0+210	22
100.16	100.16	100.16	0+220	23
100.16	100.16	100.16	0+230	24
100.16	100.16	100.16	0+240	25
100.16	100.16	100.16	0+250	26
100.16	100.16	100.16	0+260	27
100.16	100.16	100.16	0+270	28
100.16	100.16	100.16	0+280	29
100.16	100.16	100.16	0+290	30
100.16	100.16	100.16	0+300	31
100.16	100.16	100.16	0+310	32
100.16	100.16	100.16	0+320	33
100.16	100.16	100.16	0+330	34
100.16	100.16	100.16	0+340	35
100.16	100.16	100.16	0+350	36
100.16	100.16	100.16	0+360	37
100.16	100.16	100.16	0+370	38
100.16	100.16	100.16	0+380	39
100.16	100.16	100.16	0+390	40
100.16	100.16	100.16	0+400	41
100.16	100.16	100.16	0+410	42
100.16	100.16	100.16	0+420	43
100.16	100.16	100.16	0+430	44
100.16	100.16	100.16	0+440	45
100.16	100.16	100.16	0+450	46
100.16	100.16	100.16	0+460	47
100.16	100.16	100.16	0+470	48
100.16	100.16	100.16	0+480	49
100.16	100.16	100.16	0+490	50
100.16	100.16	100.16	0+500	51
100.16	100.16	100.16	0+510	52
100.16	100.16	100.16	0+520	53
100.16	100.16	100.16	0+530	54
100.16	100.16	100.16	0+540	55
100.16	100.16	100.16	0+550	56
100.16	100.16	100.16	0+560	57
100.16	100.16	100.16	0+570	58
100.16	100.16	100.16	0+580	59
100.16	100.16	100.16	0+590	60
100.16	100.16	100.16	0+600	61
100.16	100.16	100.16	0+610	62
100.16	100.16	100.16	0+620	63
100.16	100.16	100.16	0+630	64
100.16	100.16	100.16	0+640	65
100.16	100.16	100.16	0+650	66
100.16	100.16	100.16	0+660	67
100.16	100.16	100.16	0+670	68
100.16	100.16	100.16	0+680	69
100.16	100.16	100.16	0+690	70
100.16	100.16	100.16	0+700	71
100.16	100.16	100.16	0+710	72
100.16	100.16	100.16	0+720	73
100.16	100.16	100.16	0+730	74
100.16	100.16	100.16	0+740	75
100.16	100.16	100.16	0+750	76
100.16	100.16	100.16	0+760	77
100.16	100.16	100.16	0+770	78
100.16	100.16	100.16	0+780	79
100.16	100.16	100.16	0+790	80
100.16	100.16	100.16	0+800	81
100.16	100.16	100.16	0+810	82
100.16	100.16	100.16	0+820	83
100.16	100.16	100.16	0+830	84
100.16	100.16	100.16	0+840	85
100.16	100.16	100.16	0+850	86
100.16	100.16	100.16	0+860	87
100.16	100.16	100.16	0+870	88
100.16	100.16	100.16	0+880	89
100.16	100.16	100.16	0+890	90
100.16	100.16	100.16	0+900	91
100.16	100.16	100.16	0+910	92
100.16	100.16	100.16	0+920	93
100.16	100.16	100.16	0+930	94
100.16	100.16	100.16	0+940	95
100.16	100.16	100.16	0+950	96
100.16	100.16	100.16	0+960	97
100.16	100.16	100.16	0+970	98
100.16	100.16	100.16	0+980	99
100.16	100.16	100.16	0+990	100

PLAN  
SCALE=1/200



SECTION  
SCALE=1/50



## DESIGN CRITERIA

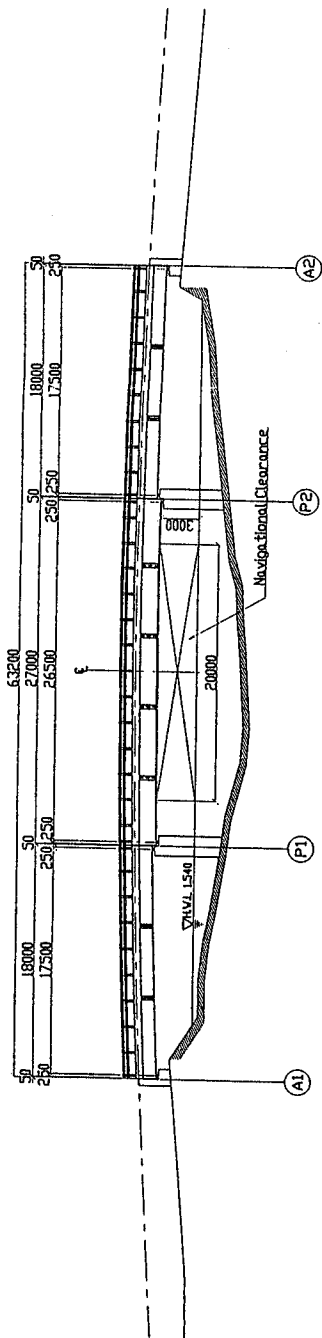
Design Speed	General Condition	Travel Lane
Bridge Length (Span Length)	8.1m	8.1m
Clear Width	8.1m	8.1m
Longitudinal Gradient	8.1m	8.1m
Cross-fall of Carriageway	1.5%	1.5%
Super Structure Type	Reinforced Concrete	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm	Reinforced Concrete Square 40x40cm
Material	Steel Pipe 40x40mm	Steel Pipe 40x40mm
Super Structure Type	Reinforced Concrete	Reinforced Concrete
Surface	Reinforced Concrete	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete	Reinforced Concrete

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DATA AREA	
Japan International Cooperation Agency (JICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General View of Huong My Bridge	1/200 - 1/50
Drawing No.	



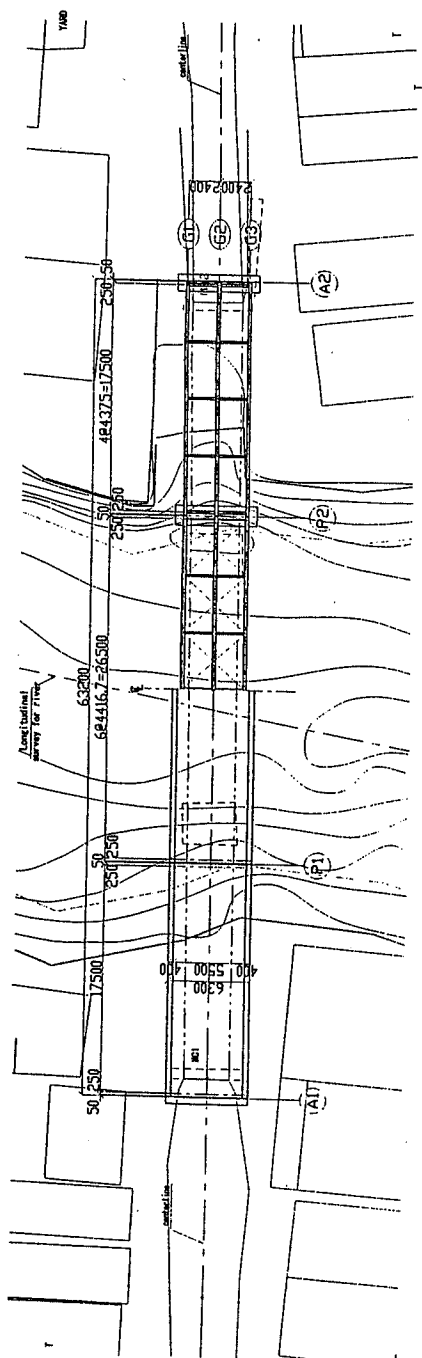
# Br.No37 Tan Tru Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

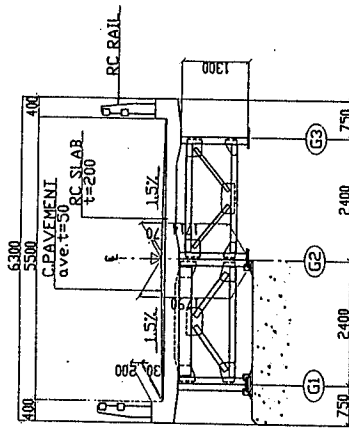


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
17500	17500	17500	0	A1
17500	17500	17500	2500	P1
17500	17500	17500	5000	P2
17500	17500	17500	7500	P3
17500	17500	17500	10000	P4
17500	17500	17500	12500	P5
17500	17500	17500	15000	P6
17500	17500	17500	17500	P7
17500	17500	17500	20000	P8
17500	17500	17500	22500	P9
17500	17500	17500	25000	A2

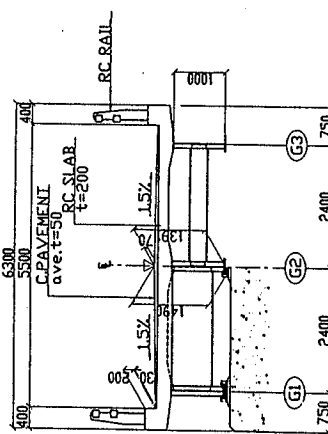
PLAN  
SCALE=1/200



SECTION  
SCALE=1/50  
P1-P2



AI-P1, P2-A2

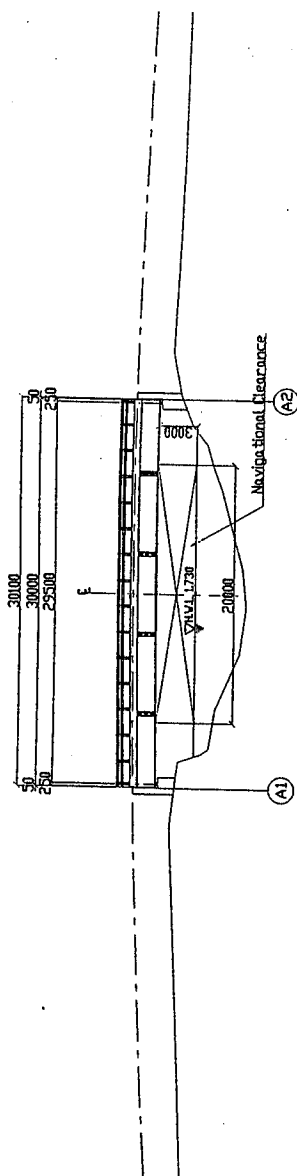


DESIGN CRITERIA

Design Speed	40km/h
Bridge Length (Span Length)	63.2m
Clear Width	8.5m
Longitudinal Gradient	0.5%
Crown-sill of Carriage way	1.5%
Super Structure Type	Reinforced Concrete
Sub Structure Type	Pier
Foundation Type	Reinforced Concrete
Material Strength	Steel Pipe 400.5mm
Super Structure Type	Reinforced Concrete
Surface	Reinforced Concrete
Sub Structure Type	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete

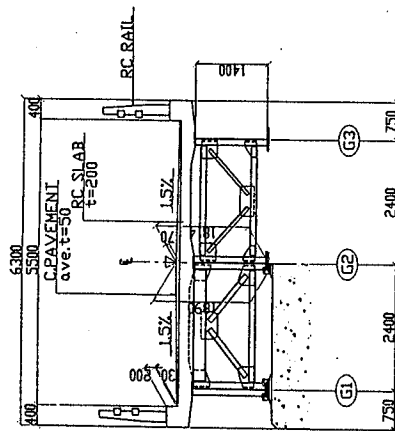
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DATA AREA	
Agency International Cooperation Agency (ICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General View of Tan Tru Bridge	1/200, 1/50
Drawing No.	

PROFILE  
SCALE=1/200

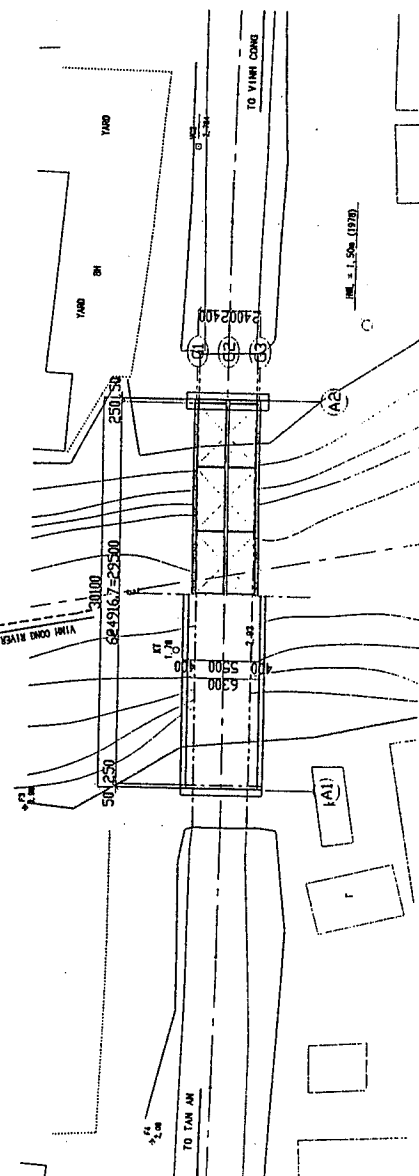


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
1	10.00	10.00	0.00	1
2	10.00	10.00	0.00	2
3	10.00	10.00	0.00	3
4	10.00	10.00	0.00	4
5	10.00	10.00	0.00	5
6	10.00	10.00	0.00	6
7	10.00	10.00	0.00	7
8	10.00	10.00	0.00	8
9	10.00	10.00	0.00	9
10	10.00	10.00	0.00	10
11	10.00	10.00	0.00	11
12	10.00	10.00	0.00	12
13	10.00	10.00	0.00	13
14	10.00	10.00	0.00	14
15	10.00	10.00	0.00	15
16	10.00	10.00	0.00	16
17	10.00	10.00	0.00	17
18	10.00	10.00	0.00	18
19	10.00	10.00	0.00	19
20	10.00	10.00	0.00	20
21	10.00	10.00	0.00	21
22	10.00	10.00	0.00	22
23	10.00	10.00	0.00	23
24	10.00	10.00	0.00	24
25	10.00	10.00	0.00	25
26	10.00	10.00	0.00	26
27	10.00	10.00	0.00	27
28	10.00	10.00	0.00	28
29	10.00	10.00	0.00	29
30	10.00	10.00	0.00	30
31	10.00	10.00	0.00	31
32	10.00	10.00	0.00	32
33	10.00	10.00	0.00	33
34	10.00	10.00	0.00	34
35	10.00	10.00	0.00	35
36	10.00	10.00	0.00	36
37	10.00	10.00	0.00	37
38	10.00	10.00	0.00	38
39	10.00	10.00	0.00	39
40	10.00	10.00	0.00	40
41	10.00	10.00	0.00	41
42	10.00	10.00	0.00	42
43	10.00	10.00	0.00	43
44	10.00	10.00	0.00	44
45	10.00	10.00	0.00	45
46	10.00	10.00	0.00	46
47	10.00	10.00	0.00	47
48	10.00	10.00	0.00	48
49	10.00	10.00	0.00	49
50	10.00	10.00	0.00	50
51	10.00	10.00	0.00	51
52	10.00	10.00	0.00	52
53	10.00	10.00	0.00	53
54	10.00	10.00	0.00	54
55	10.00	10.00	0.00	55
56	10.00	10.00	0.00	56
57	10.00	10.00	0.00	57
58	10.00	10.00	0.00	58
59	10.00	10.00	0.00	59
60	10.00	10.00	0.00	60
61	10.00	10.00	0.00	61
62	10.00	10.00	0.00	62
63	10.00	10.00	0.00	63
64	10.00	10.00	0.00	64
65	10.00	10.00	0.00	65
66	10.00	10.00	0.00	66
67	10.00	10.00	0.00	67
68	10.00	10.00	0.00	68
69	10.00	10.00	0.00	69
70	10.00	10.00	0.00	70
71	10.00	10.00	0.00	71
72	10.00	10.00	0.00	72
73	10.00	10.00	0.00	73
74	10.00	10.00	0.00	74
75	10.00	10.00	0.00	75
76	10.00	10.00	0.00	76
77	10.00	10.00	0.00	77
78	10.00	10.00	0.00	78
79	10.00	10.00	0.00	79
80	10.00	10.00	0.00	80
81	10.00	10.00	0.00	81
82	10.00	10.00	0.00	82
83	10.00	10.00	0.00	83
84	10.00	10.00	0.00	84
85	10.00	10.00	0.00	85
86	10.00	10.00	0.00	86
87	10.00	10.00	0.00	87
88	10.00	10.00	0.00	88
89	10.00	10.00	0.00	89
90	10.00	10.00	0.00	90
91	10.00	10.00	0.00	91
92	10.00	10.00	0.00	92
93	10.00	10.00	0.00	93
94	10.00	10.00	0.00	94
95	10.00	10.00	0.00	95
96	10.00	10.00	0.00	96
97	10.00	10.00	0.00	97
98	10.00	10.00	0.00	98
99	10.00	10.00	0.00	99
100	10.00	10.00	0.00	100

SECTION  
SCALE=1/50



PLAN  
SCALE=1/200



## DESIGN CRITERIA

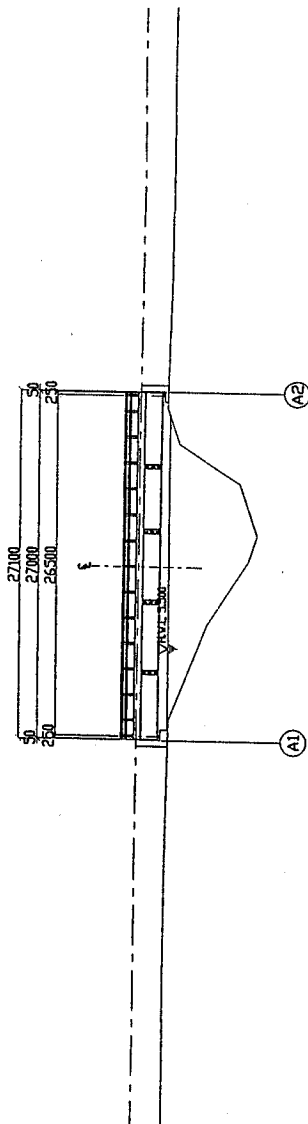
General Conditions		Material Strength	
Deflection Speed	Y=40mm/h	Grid	$\sigma = 21008 / \text{cm}^2$
Bridge Length (Span Length)	30.1m	Cross Beam	$\sigma = 14058 / \text{cm}^2$
Clear Width	5.5m	Sub	$\sigma = 29-3008 / \text{cm}^2$
Longitudinal Gradient	0.07max	C.Pavement	$\sigma = 14-158 \text{cm}$
Cross-fall of Carriage way	1.5%	Curb Wall	$\sigma = 28-3008 / \text{cm}^2$
Super Structure Type	Steel	Sub Structure Type	$\sigma = 28-3008 / \text{cm}^2$
Sub Structure Type	Reinforced Concrete	Sub Structure Type	$\sigma = 28-3008 / \text{cm}^2$
Foundation Type	Reinforced Concrete Square Max44cm	Sub Structure Type	$\sigma = 28-3008 / \text{cm}^2$
	Reinforced Concrete Square Max44cm		$\sigma = 28-3008 / \text{cm}^2$
	Steel Pipe 440x4mm		$\sigma = 28-3008 / \text{cm}^2$

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICAN DELTA AREA	
Japan International Cooperative Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam
Pacific Consultants International	
Drawing Title	Scale
General View of Vinh Cong Bridge	1/200 1/50
Drawing No.	



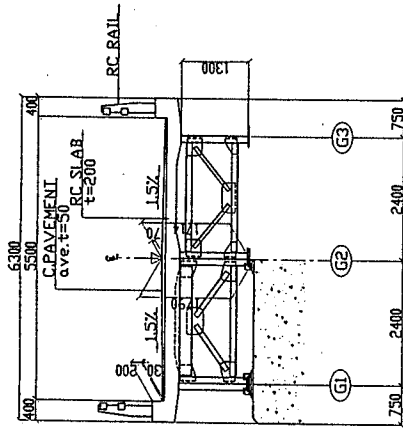
# Br.No46 Rach Ro Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

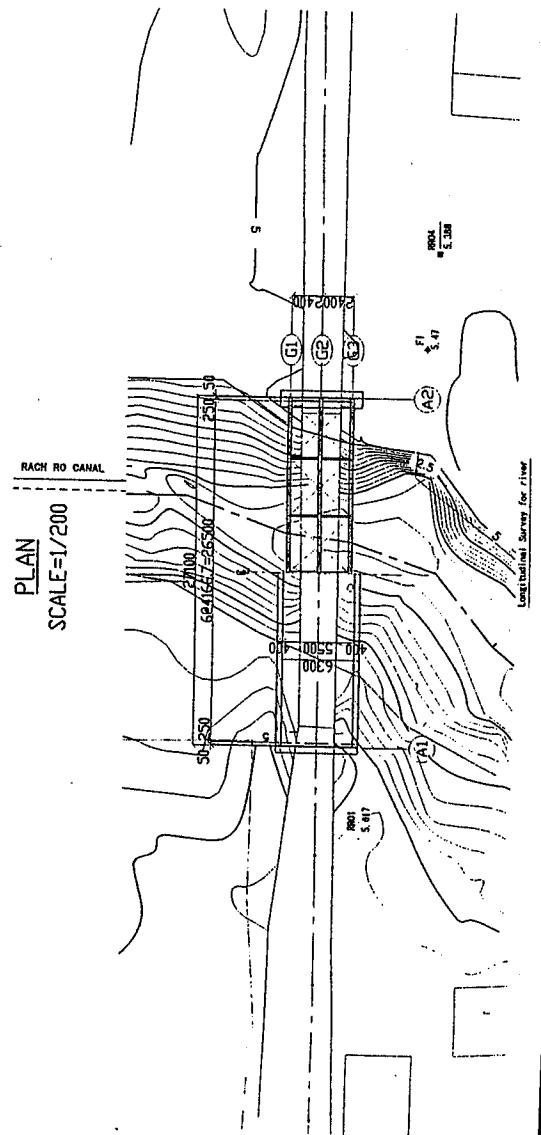


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
1.50	2.50	1.00	0.00	A1
1.50	2.50	1.00	1.00	A2
1.50	2.50	1.00	2.00	A3
1.50	2.50	1.00	3.00	A4
1.50	2.50	1.00	4.00	A5
1.50	2.50	1.00	5.00	A6
1.50	2.50	1.00	6.00	A7
1.50	2.50	1.00	7.00	A8
1.50	2.50	1.00	8.00	A9
1.50	2.50	1.00	9.00	A10
1.50	2.50	1.00	10.00	A11
1.50	2.50	1.00	11.00	A12
1.50	2.50	1.00	12.00	A13
1.50	2.50	1.00	13.00	A14
1.50	2.50	1.00	14.00	A15
1.50	2.50	1.00	15.00	A16
1.50	2.50	1.00	16.00	A17
1.50	2.50	1.00	17.00	A18
1.50	2.50	1.00	18.00	A19
1.50	2.50	1.00	19.00	A20
1.50	2.50	1.00	20.00	A21
1.50	2.50	1.00	21.00	A22
1.50	2.50	1.00	22.00	A23
1.50	2.50	1.00	23.00	A24
1.50	2.50	1.00	24.00	A25
1.50	2.50	1.00	25.00	A26
1.50	2.50	1.00	26.00	A27
1.50	2.50	1.00	27.00	A28

SECTION  
SCALE=1/50



PLAN  
SCALE=1/200



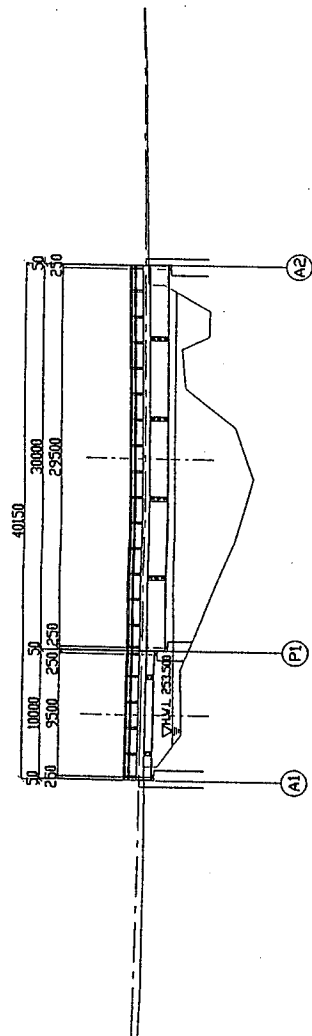
## DESIGN CRITERIA

General Conditions	
Design Speed	V=40km/h
Bridge Length (Span Length)	27.00m
Clear Width	5.5m
Longitudinal Gradient	8.00max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel Pipe 1408.4mm
Super Structure Type	Grid
Sub	22-200kg/cm2
Surface	22-200kg/cm2
Sub Structure Type	22-200kg/cm2
Reinforced Steel	SP225 (22-200kg/cm2)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA	
Japan International Cooperation Agency (JICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General View of Rach Ro Bridge	1/200, 1/50
Drawing No.	

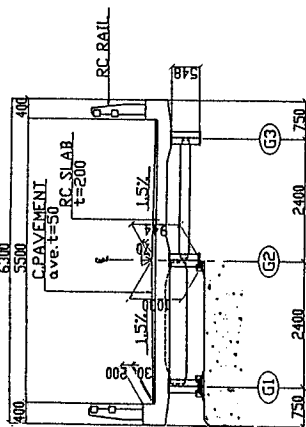
# Br.No50 Number 5 Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

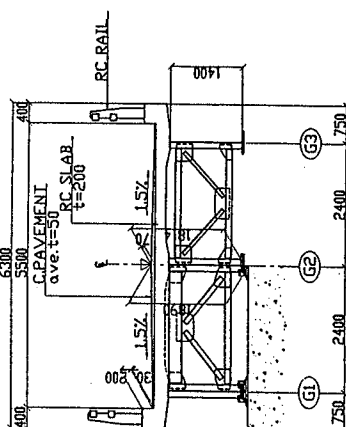


SECTION  
SCALE=1/50

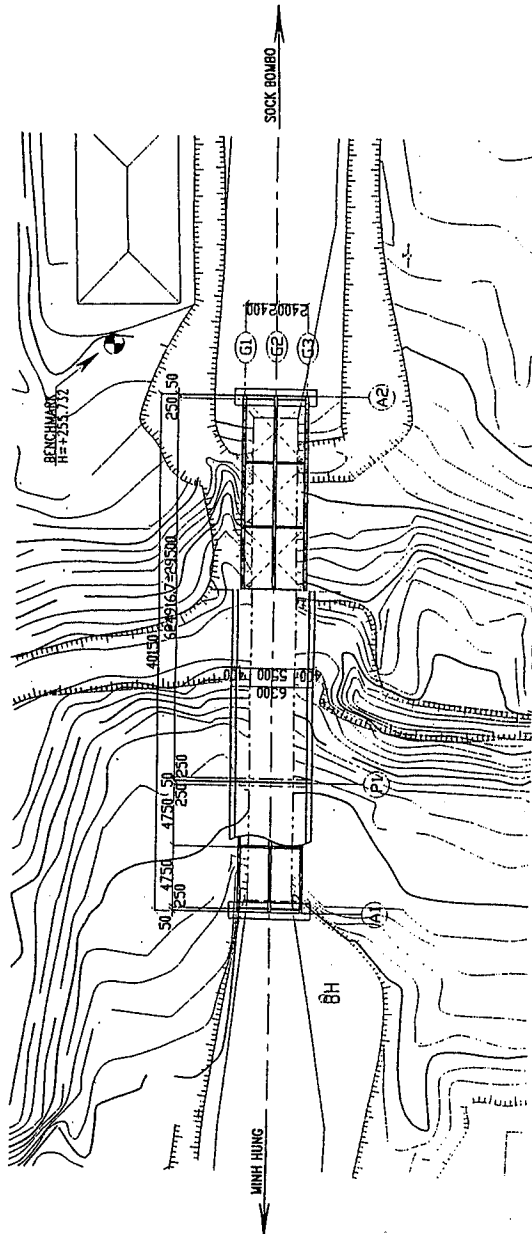
A1~P1



P1~A2



PLAN  
SCALE=1/200



DESIGN CRITERIA

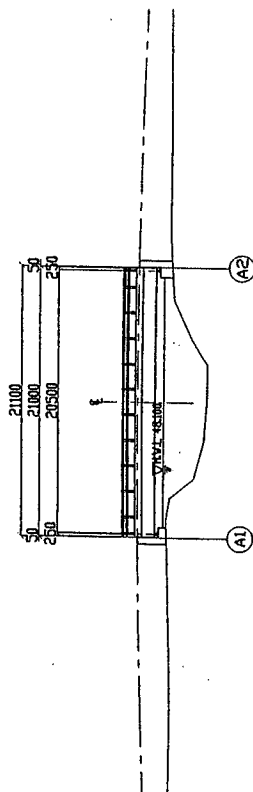
General Conditions	
Design Speed	V=40km/h
Bridge Length (Span Length)	401.5m
Clear Width	5.5m
Longitudinal Gradient	8.00max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel
Sub Structure Type	Abutment: Reinforced Concrete Pier: Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe 140x4mm
Material Strength	
Super Structure Type	Grid
Cross Beam	ss-200kg/cm <sup>2</sup>
Sub	ss-1600kg/cm <sup>2</sup>
C/Pavement	28-300kg/cm <sup>2</sup>
Surface	ss-1.5cm
Sub Structure Type	28-300kg/cm <sup>2</sup>
Reinforcing Steel	28-300kg/cm <sup>2</sup> SS235 (σ <sub>s</sub> =30kg/mm <sup>2</sup> )

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DELTA AREA			
Japan International Cooperation Agency (JICA)		Ministry of Transport	
Pacific Consultants International		The Socialist Republic of Vietnam	
Drawing Title		Scale	
General View of Number 5 Bridge		1/200 . 1/50	



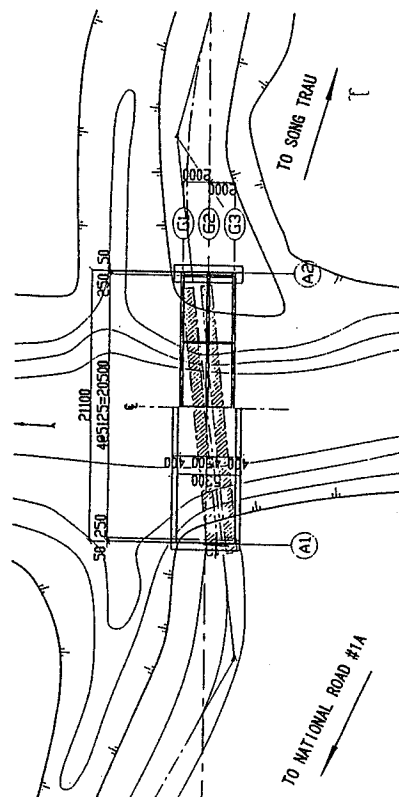
# Br.No54 Bau Xeo Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

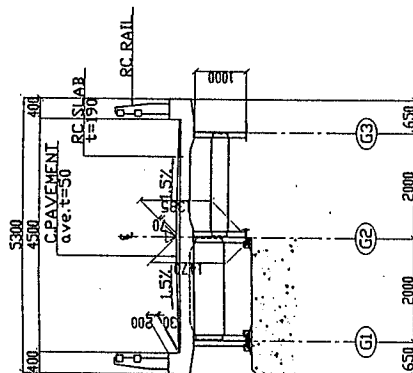


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
10.00	17.78	17.78	10.00	A1
10.00	17.78	17.78	10.00	A2
10.00	17.78	17.78	10.00	A3
10.00	17.78	17.78	10.00	A4
10.00	17.78	17.78	10.00	A5
10.00	17.78	17.78	10.00	A6
10.00	17.78	17.78	10.00	A7
10.00	17.78	17.78	10.00	A8
10.00	17.78	17.78	10.00	A9
10.00	17.78	17.78	10.00	A10

PLAN  
SCALE=1/200



SECTION  
SCALE=1/50



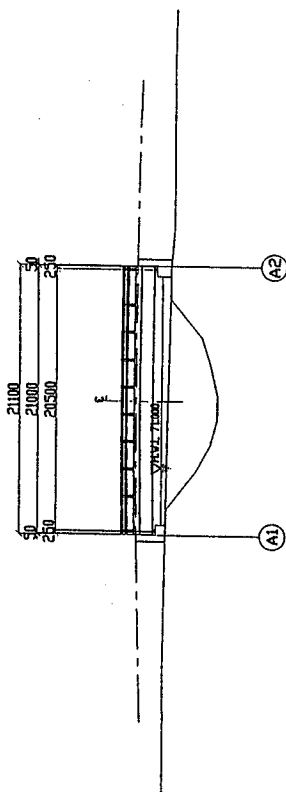
## DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	21.0m
Clear Width	4.5m
Longitudinal Gradient	8.00max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete
Reinforcing Steel	Steel Pipe 40x40mm
Concrete	f <sub>c</sub> =210kg/cm <sup>2</sup>
Steel	f <sub>s</sub> =400kg/cm <sup>2</sup>
Surface	f <sub>s</sub> =28-300kg/cm <sup>2</sup>
Sub Structure Type	f <sub>s</sub> =28-300kg/cm <sup>2</sup>
Reinforcing Steel	f <sub>s</sub> =28-300kg/cm <sup>2</sup>

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN VIETNAM DELTA AREA	
Agency International Cooperation Agency (ICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General View of Bau Xeo Bridge	1/200, 1/50
Drawing No.	

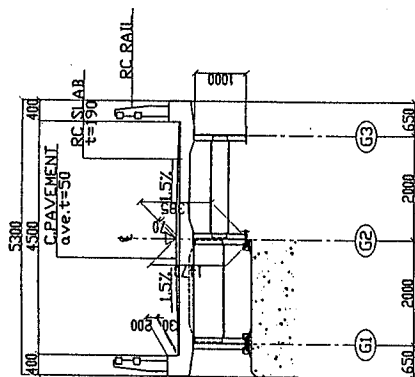
# Br.No55 Song thao Bridge (General View of the Bridge)

PROFILE  
SCALE=1/200

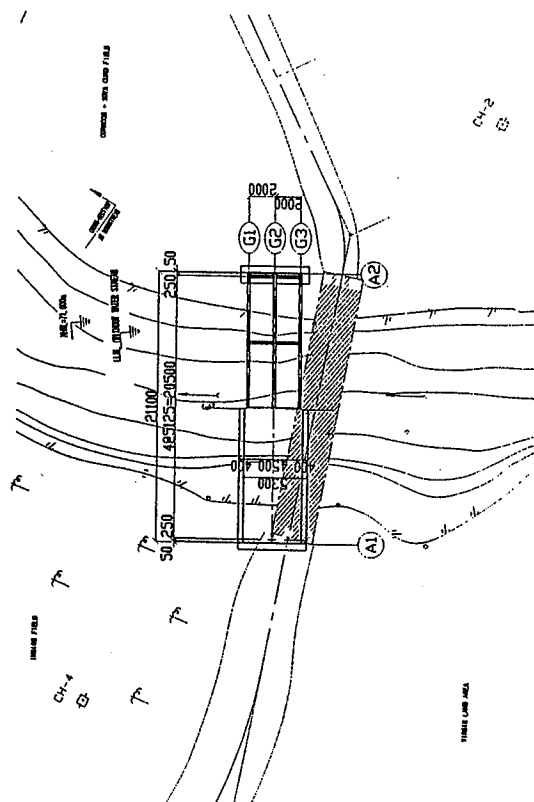


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
7.25	21.00	21.00	0.00	A1
7.25	21.00	21.00	0.00	A2
7.25	21.00	21.00	0.00	A3
7.25	21.00	21.00	0.00	A4
7.25	21.00	21.00	0.00	A5
7.25	21.00	21.00	0.00	A6
7.25	21.00	21.00	0.00	A7
7.25	21.00	21.00	0.00	A8
7.25	21.00	21.00	0.00	A9
7.25	21.00	21.00	0.00	A10
7.25	21.00	21.00	0.00	A11
7.25	21.00	21.00	0.00	A12
7.25	21.00	21.00	0.00	A13
7.25	21.00	21.00	0.00	A14
7.25	21.00	21.00	0.00	A15
7.25	21.00	21.00	0.00	A16
7.25	21.00	21.00	0.00	A17
7.25	21.00	21.00	0.00	A18
7.25	21.00	21.00	0.00	A19
7.25	21.00	21.00	0.00	A20

SECTION  
SCALE=1/50



PLAN  
SCALE=1/200



## DESIGN CRITERIA

General	Condition	Y=40mm/A
Bridge Speed	21km	21km
Bridge Length (Span Length)	4.5m	4.5m
Clear Width	8.00m	8.00m
Load Factor	1.30	1.30
Structural Condition	1.30	1.30
Super Structure Type	Reinforced Concrete	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Foundation Type	Reinforced Concrete	Reinforced Concrete
Material Strength	Steel Type 108.4mm	Steel Type 108.4mm
Super Structure Type	Reinforced Concrete	Reinforced Concrete
Surface	Reinforced Concrete	Reinforced Concrete
Sub Structure Type	Reinforced Concrete	Reinforced Concrete
Reinforcing Steel	Reinforced Concrete	Reinforced Concrete

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MANGING DATA AREA		
Agency	Ministry of Transport	
Project	The Socialist Republic of Vietnam	
Design Title	Scale	1/200 1/50
General View of Song Thao Bridge		